

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101617\
 Data File : BG029292.D
 Acq On : 17 Oct 2017 4:43
 Operator : SJ/JU
 Sample : I5906-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 17 05:31:07 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	71404	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	340259	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	209850	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	464650	20.00	ng	0.00
75) Chrysene-d12	21.79	240	508922	20.00	ng	0.00
86) Perylene-d12	25.11	264	521559	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.72	112	559486	130.90	ng	0.00
7) Phenol-d6	7.33	99	692251	115.38	ng	0.00
23) Nitrobenzene-d5	9.34	82	473731	88.47	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	323008	119.22	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1173450	82.01	ng	0.00
78) Terphenyl-d14	20.12	244	1737862	77.68	ng	0.00

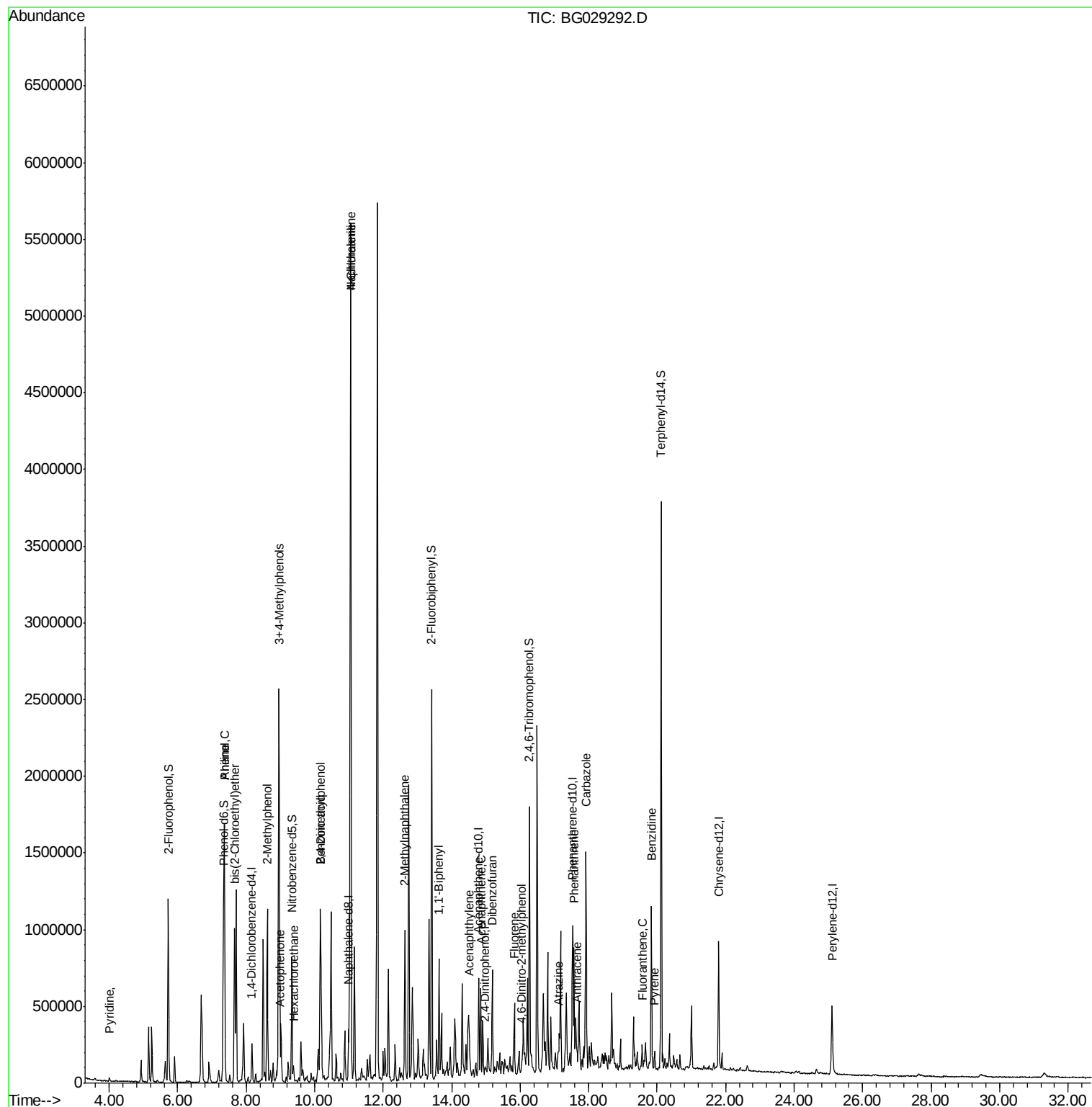
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Pyridine	4.01	79	12187	2.413	ng	94
6) Aniline	7.36	93	16683	2.246	ng	# 1
10) Phenol	7.36	94	1005714	155.487	ng	95
11) bis(2-Chloroethyl)ether	7.66	93	12239	2.597	ng	# 34
17) 2-Methylphenol	8.61	107	398536	92.753	ng	97
18) Hexachloroethane	9.39	117	51334	26.823	ng	# 1
20) 3+4-Methylphenols	8.96	107	1326901	219.169	ng	88
22) Acetophenone	9.00	105	38231	4.662	ng	# 68
27) 2,4-Dimethylphenol	10.17	122	582105	111.815	ng	93
31) Naphthalene	11.05	128	4635447	273.351	ng	# 84
32) Benzoic acid	10.17	122	582105	133.541	ng	# 7
33) 4-Chloroaniline	11.05	127	842810	118.152	ng	# 33
37) 2-Methylnaphthalene	12.63	142	449153	36.342	ng	94
45) 1,1'-Biphenyl	13.63	154	97079	5.382	ng	92
48) Acenaphthylene	14.51	152	196850	9.560	ng	98
51) Acenaphthene	14.85	154	194621	14.527	ng	96
53) 2,4-Dinitrophenol	14.97	184	153	6.705	ng	# 1
54) Dibenzofuran	15.18	168	330523	17.282	ng	100
57) Fluorene	15.83	166	178650	11.307	ng	93
64) 4,6-Dinitro-2-methylphenol	16.03	198	57	5.019	ng	# 1
68) Atrazine	17.12	200	15853	3.192	ng	# 36
70) Phenanthrene	17.57	178	448664	18.691	ng	99
71) Anthracene	17.66	178	77611	3.220	ng	95
72) Carbazole	17.93	167	909788	39.293	ng	98
74) Fluoranthene	19.56	202	101599	3.619	ng	98
76) Benzidine	19.83	184	202119	13.153	ng	# 94
77) Pyrene	19.92	202	62892	2.037	ng	98

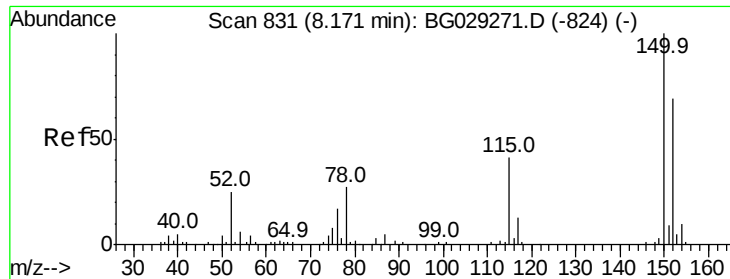
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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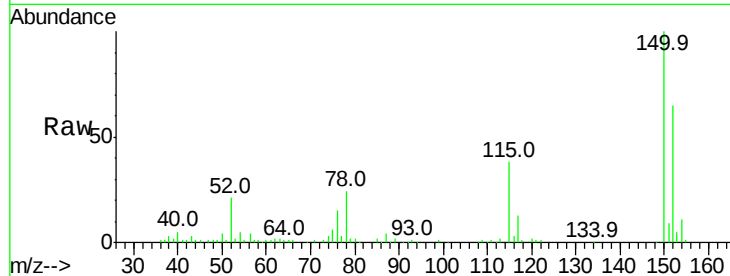


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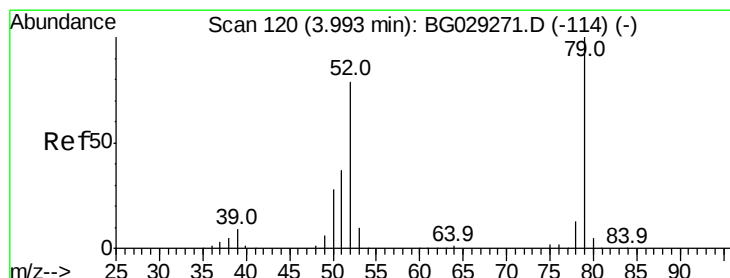
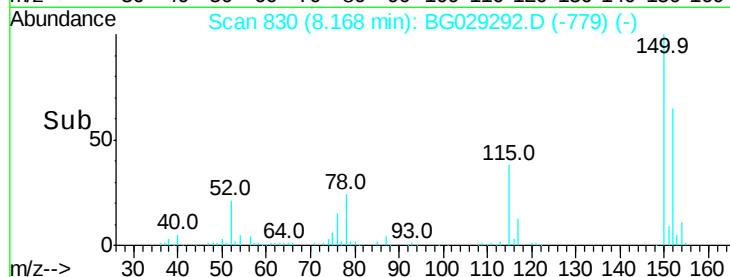
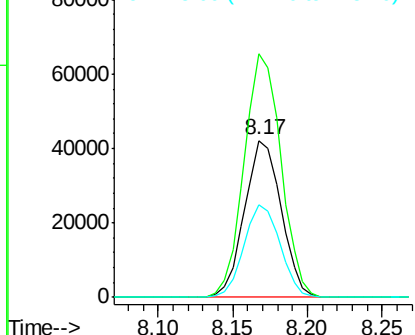
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 71404
Ion Ratio Lower Upper
152 100
150 154.9 126.6 189.8
115 58.9 53.0 79.4



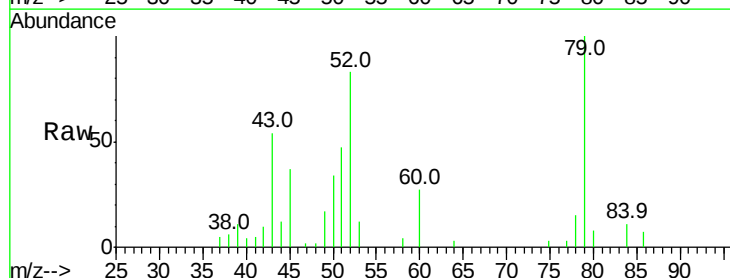
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



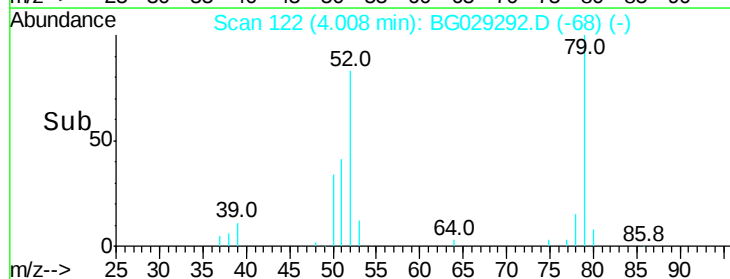
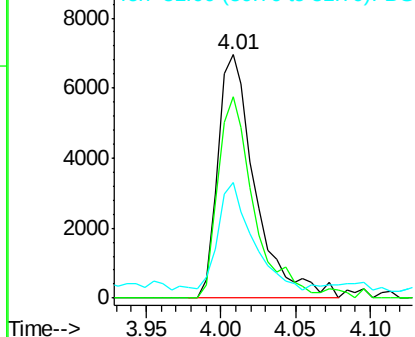
#3

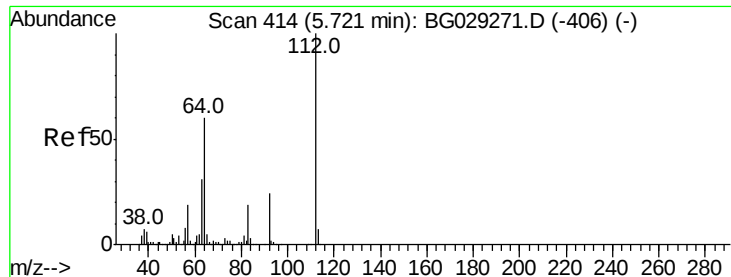
Pyridine
Concen: 2.413 ng
RT: 4.01 min Scan# 122
Delta R.T. 0.01 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

Tgt Ion: 79 Resp: 12187
Ion Ratio Lower Upper
79 100
52 82.8 69.9 104.9
51 47.2 34.0 51.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC





#5

2-Fluorophenol

Concen: 130.896 ng

RT: 5.72 min Scan# 414

Delta R.T. 0.00 min

Lab File: BG029292.D

Acq: 17 Oct 2017 4:43

Instrument :

BNA_G

ClientSampleId :

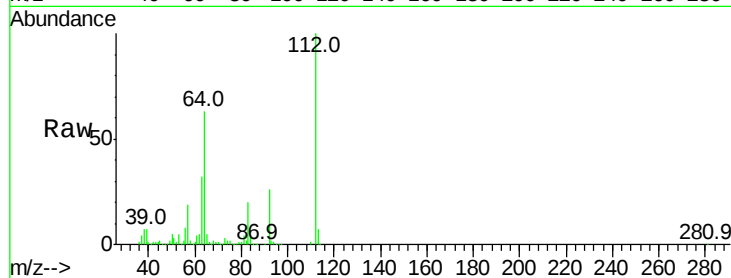
Tot Ion:112 Resp: 559486

Ion Ratio Lower Upper

112 100

64 63.4 56.3 84.5

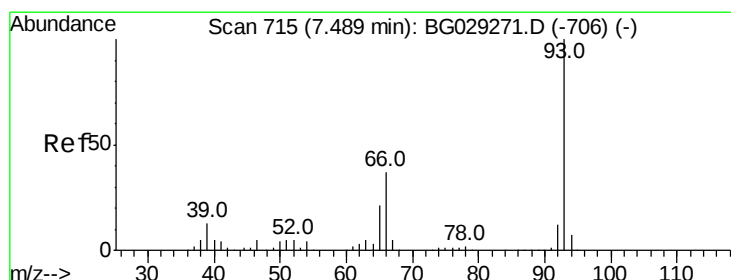
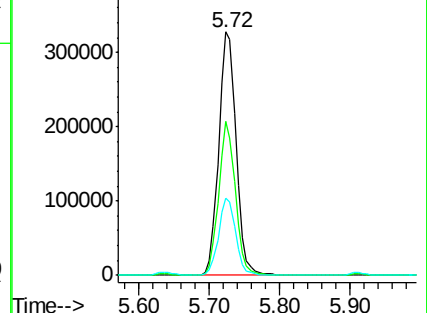
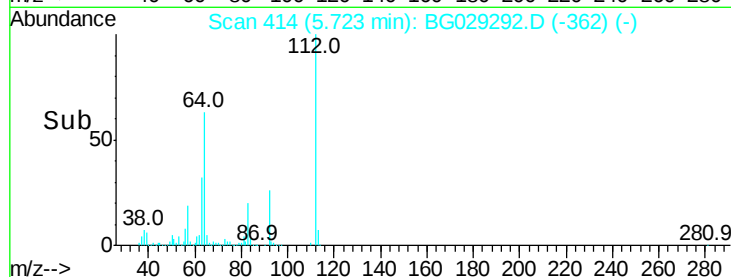
63 31.8 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 2.246 ng

RT: 7.36 min Scan# 693

Delta R.T. -0.13 min

Lab File: BG029292.D

Acq: 17 Oct 2017 4:43

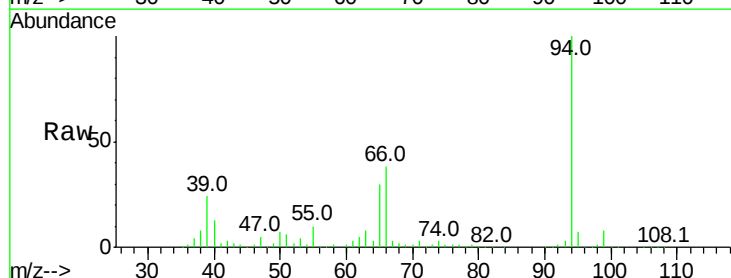
Tgt Ion: 93 Resp: 16683

Ion Ratio Lower Upper

93 100

66 1437.5 33.7 50.5#

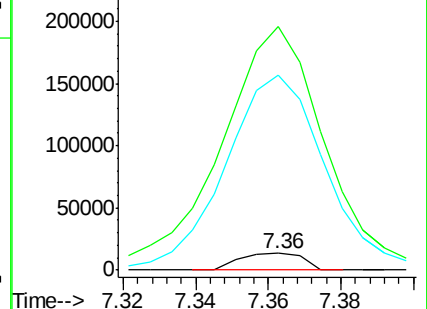
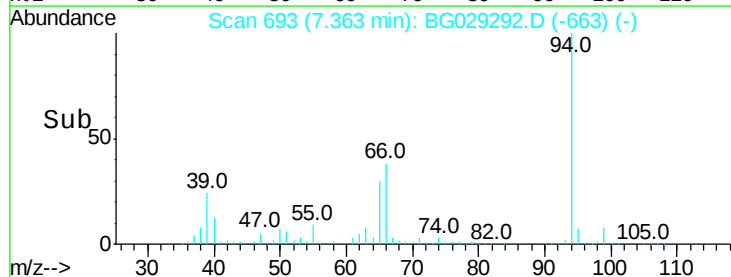
65 1153.6 16.1 24.1#

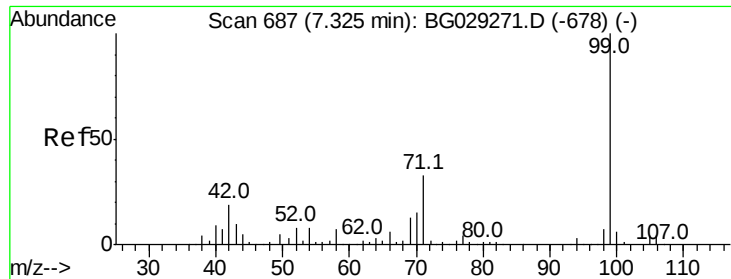


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 115.383 ng

RT: 7.33 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG029292.D

Acq: 17 Oct 2017 4:43

Instrument :

BNA_G

ClientSampleId :

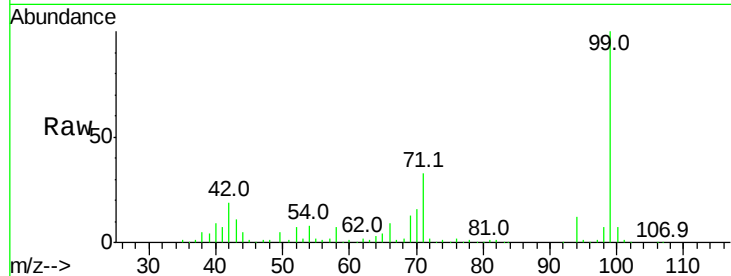
Tot Ion: 99 Resp: 692251

Ion Ratio Lower Upper

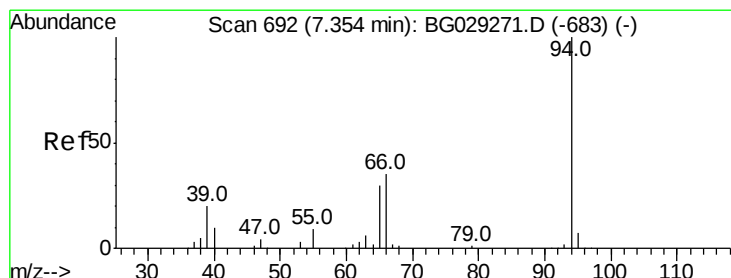
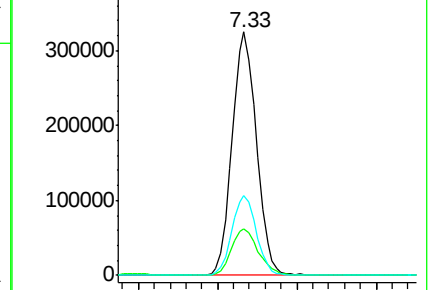
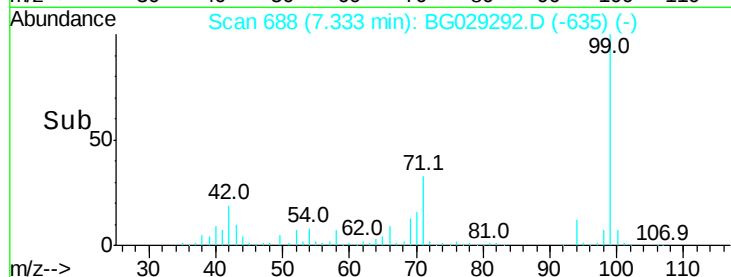
99 100

42 19.1 14.1 21.1

71 32.6 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 155.487 ng

RT: 7.36 min Scan# 693

Delta R.T. 0.01 min

Lab File: BG029292.D

Acq: 17 Oct 2017 4:43

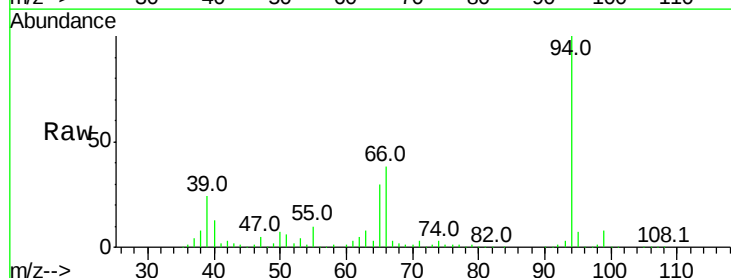
Tgt Ion: 94 Resp: 1005714

Ion Ratio Lower Upper

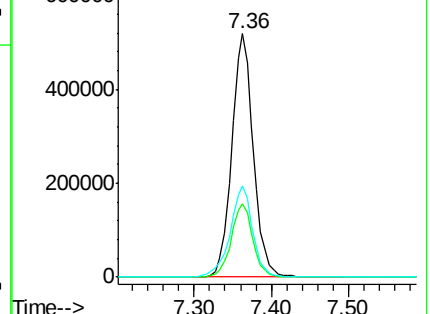
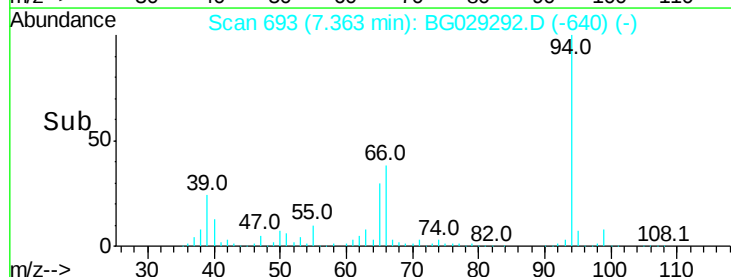
94 100

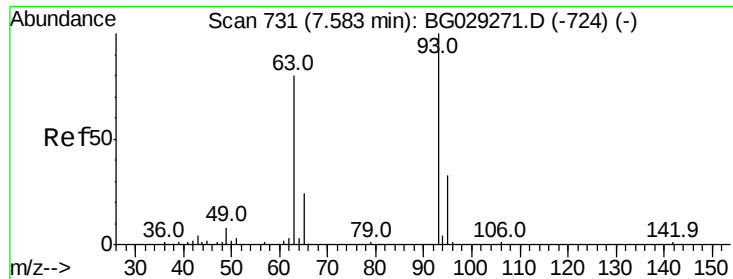
65 30.3 11.9 51.9

66 37.7 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

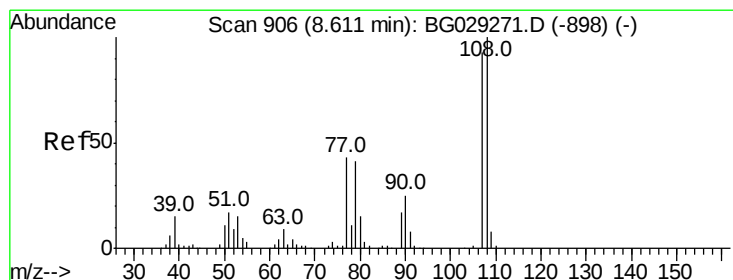
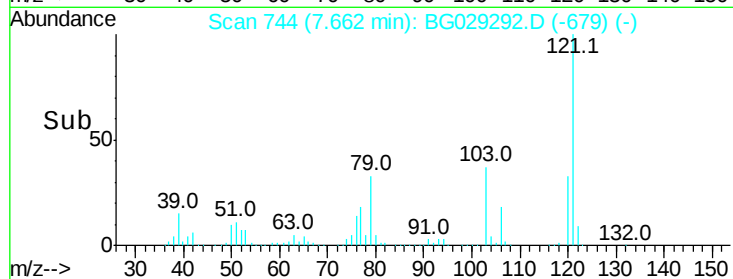
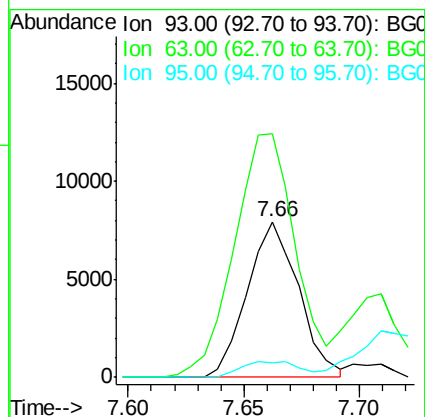
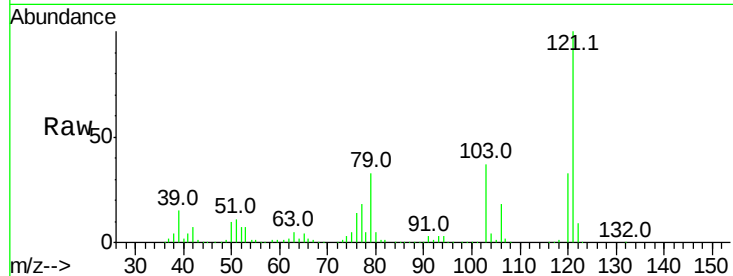




#11
bis(2-Chloroethyl)ether
Concen: 2.597 ng
RT: 7.66 min Scan# 744
Delta R.T. 0.08 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

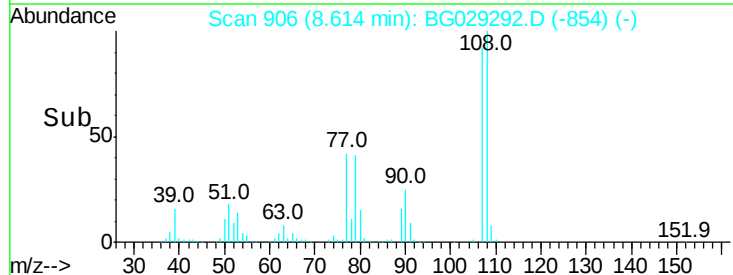
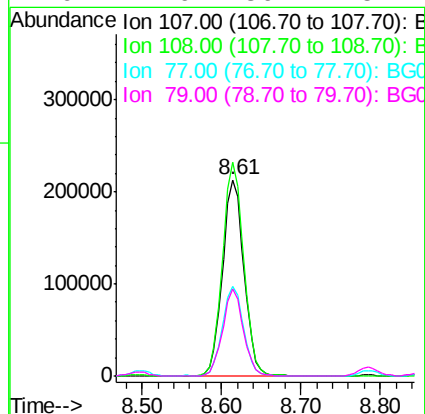
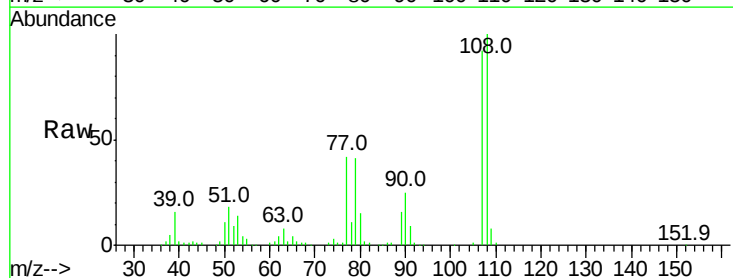
Instrument :
BNA_G
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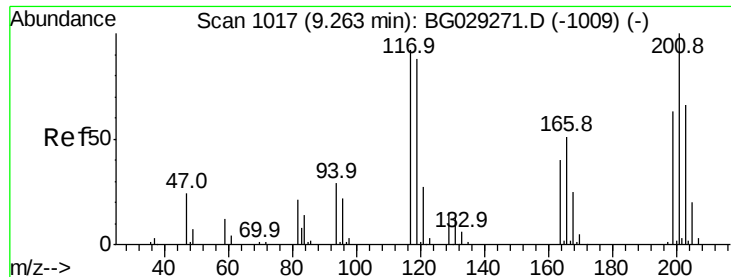
Tot Ion: 93 Resp: 12239
Ion Ratio Lower Upper
93 100
63 156.4 67.1 107.1#
95 9.1 11.5 51.5#



#17
2-Methylphenol
Concen: 92.753 ng
RT: 8.61 min Scan# 906
Delta R.T. 0.00 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

Tgt Ion:107 Resp: 398536
Ion Ratio Lower Upper
107 100
108 108.8 83.9 125.9
77 45.4 37.2 55.8
79 44.6 36.2 54.2

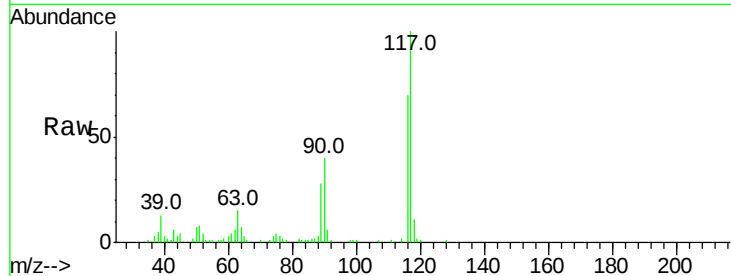




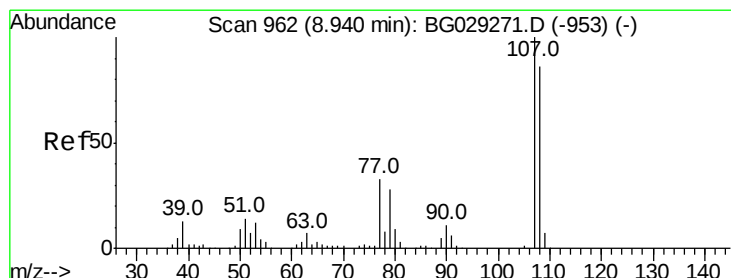
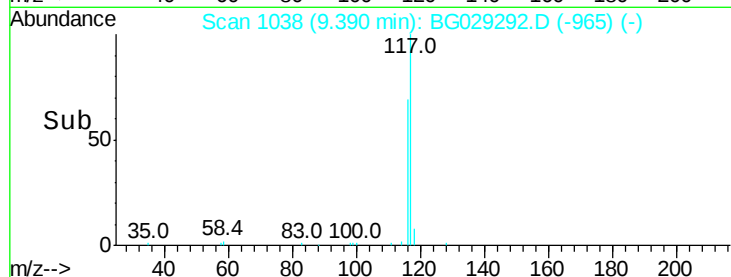
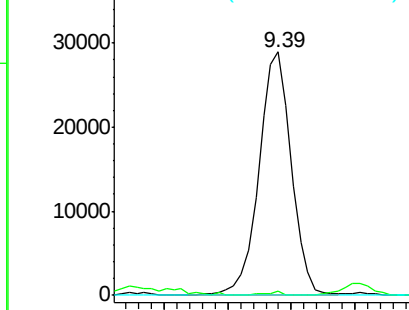
#18
Hexachloroethane
Concen: 26.823 ng
RT: 9.39 min Scan# 1038
Delta R.T. 0.13 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:117 Resp: 51334
Ion Ratio Lower Upper
117 100
119 1.5 76.7 115.1#
201 0.0 95.7 143.5#

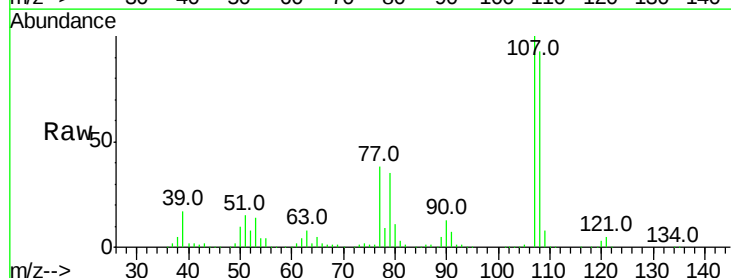


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

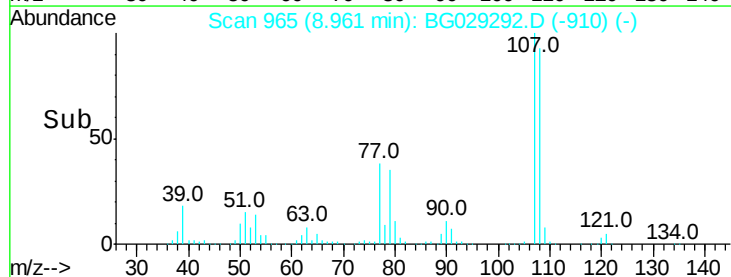
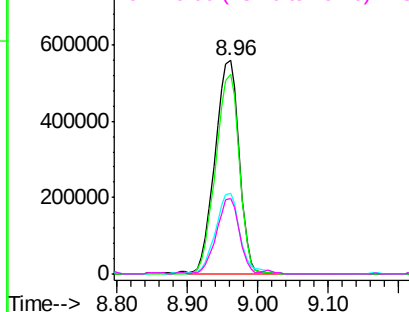


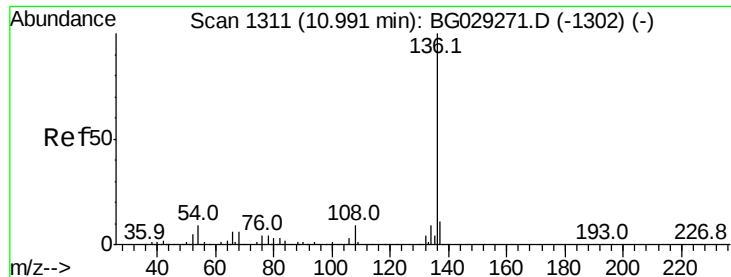
#20
3+4-Methylphenols
Concen: 219.169 ng
RT: 8.96 min Scan# 965
Delta R.T. 0.02 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

Tgt Ion:107 Resp: 1326901
Ion Ratio Lower Upper
107 100
108 93.4 61.6 101.6
77 38.1 13.9 53.9
79 35.5 8.8 48.8



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

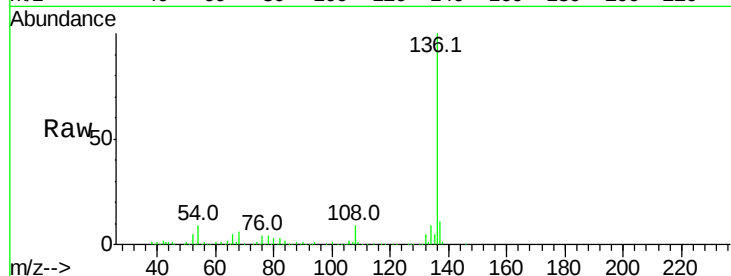




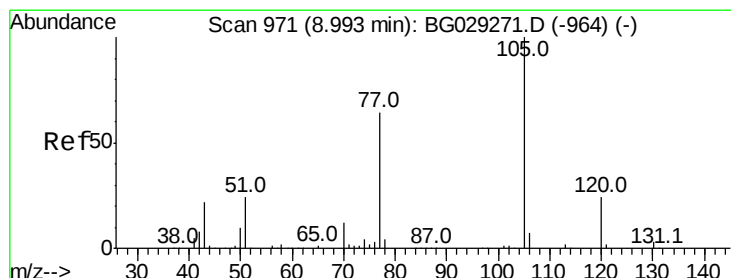
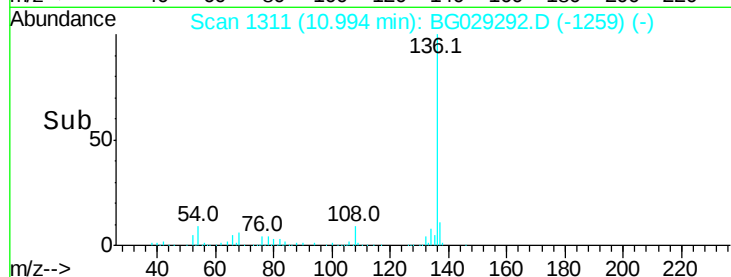
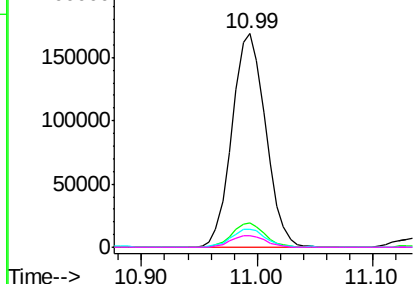
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	340259
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.2 13.8
54	8.5	10.3 15.5#
68	5.7	4.5 6.7

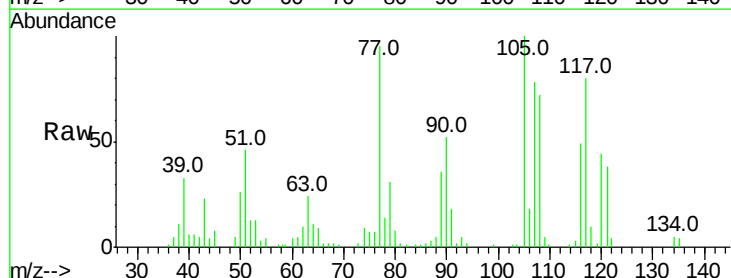


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

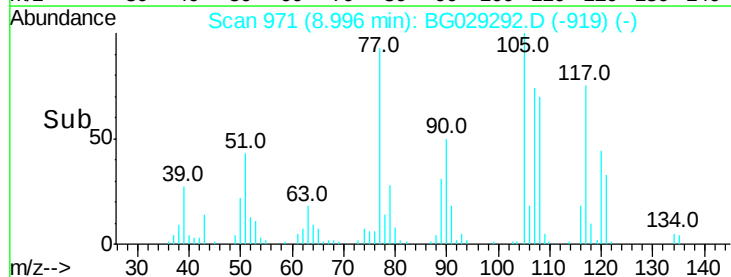
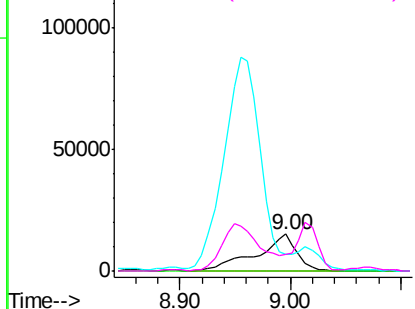


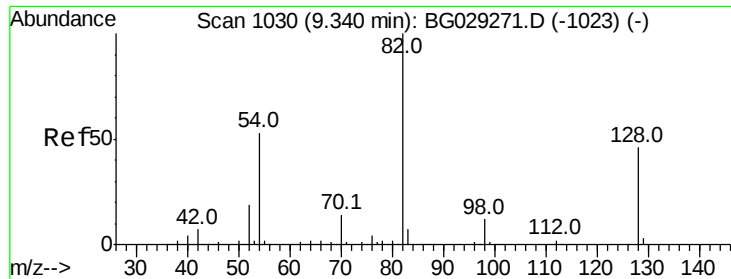
#22
Acetophenone
Concen: 4.662 ng
RT: 9.00 min Scan# 971
Delta R.T. 0.00 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

Tgt Ion:105	Resp:	38231
Ion Ratio	Lower	Upper
105	100	
71	0.0	3.0 4.4#
51	46.1	26.1 39.1#
120	44.1	17.4 26.2#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

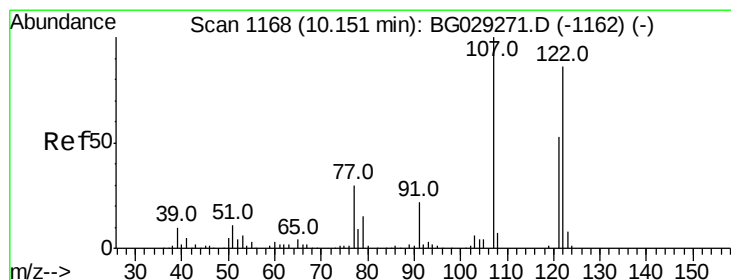
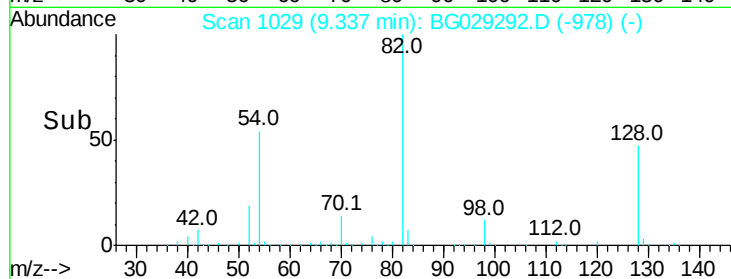
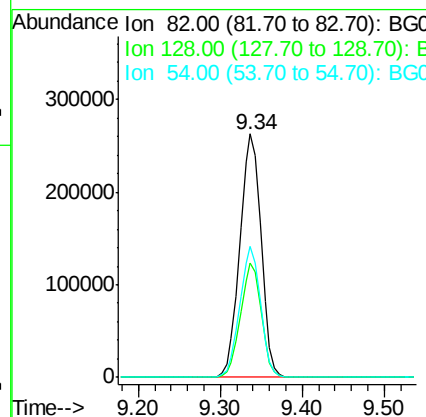
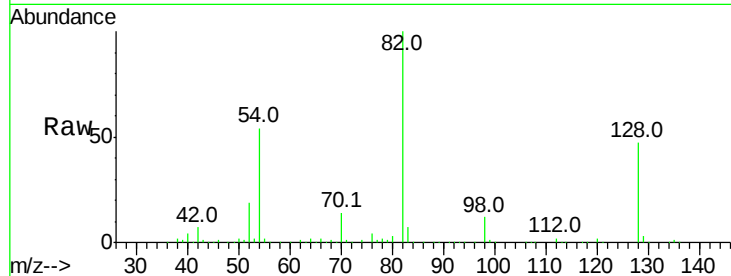




#23
 Nitrobenzene-d5
 Concen: 88.475 ng
 RT: 9.34 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BG029292.D
 Acq: 17 Oct 2017 4:43

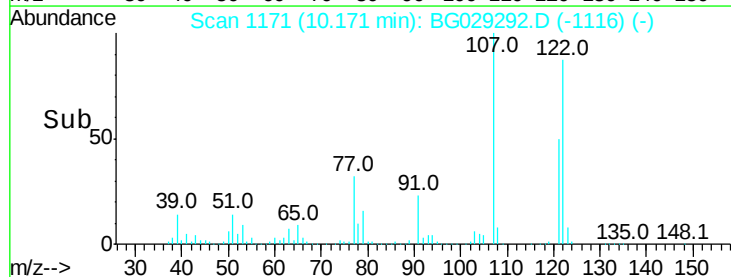
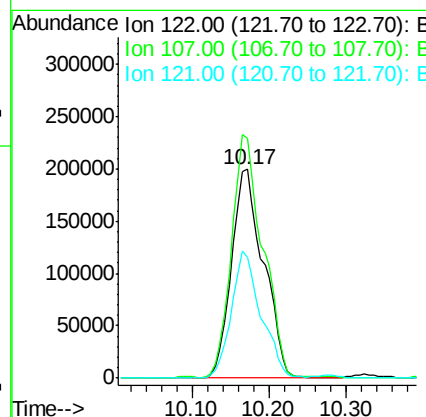
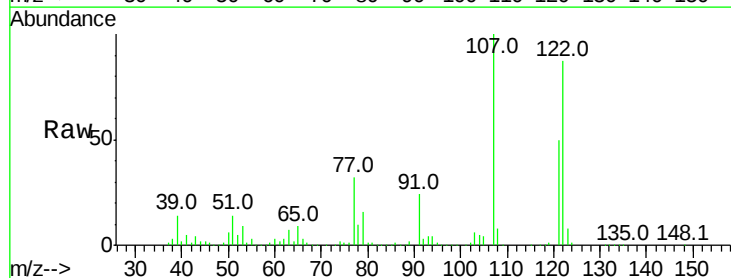
Instrument :
 BNA_G
 ClientSampleId :

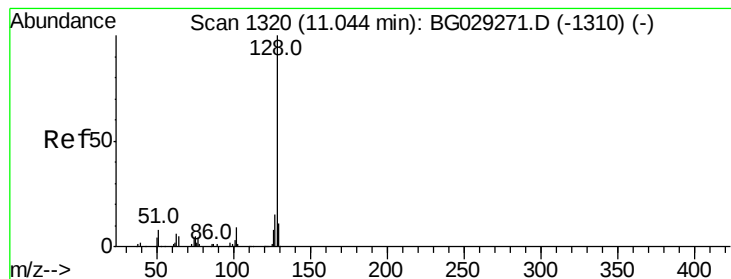
Tot Ion: 82 Resp: 473731
 Ion Ratio Lower Upper
 82 100
 128 46.7 29.7 44.5#
 54 53.9 43.1 64.7



#27
 2,4-Dimethylphenol
 Concen: 111.815 ng
 RT: 10.17 min Scan# 1171
 Delta R.T. 0.02 min
 Lab File: BG029292.D
 Acq: 17 Oct 2017 4:43

Tgt Ion:122 Resp: 582105
 Ion Ratio Lower Upper
 122 100
 107 115.2 100.2 150.2
 121 57.5 44.4 66.6





#31

Naphthalene

Concen: 273.351 ng

RT: 11.05 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BG029292.D

Acq: 17 Oct 2017 4:43

Instrument :

BNA_G

ClientSampled :

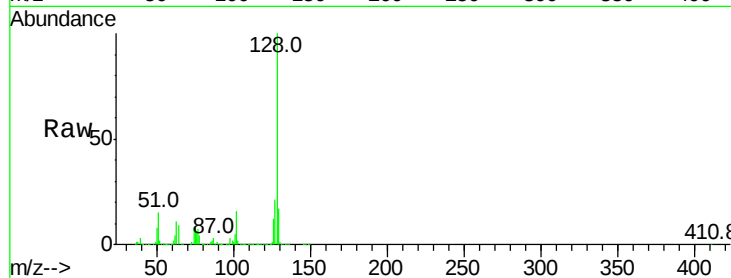
Tot Ion:128 Resp: 4635447

Ion Ratio Lower Upper

128 100

129 16.9 8.6 12.8#

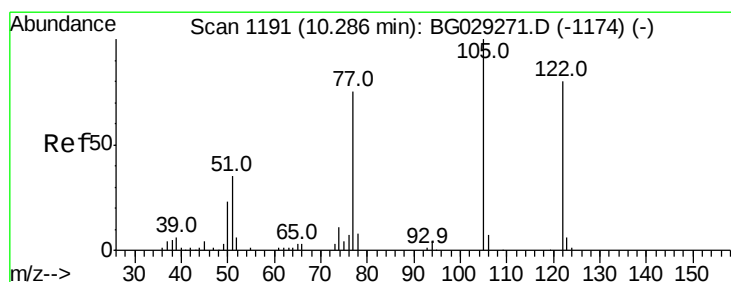
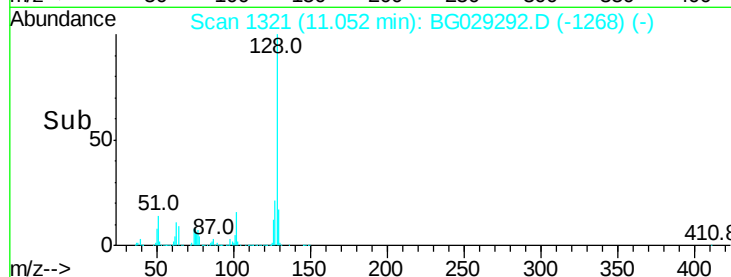
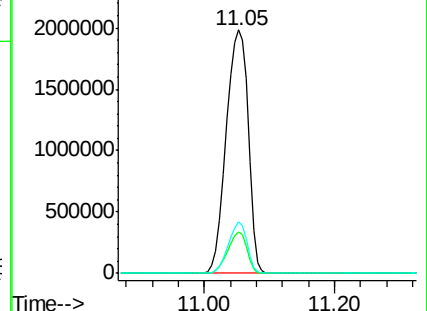
127 21.3 11.6 17.4#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 133.541 ng

RT: 10.17 min Scan# 1171

Delta R.T. -0.11 min

Lab File: BG029292.D

Acq: 17 Oct 2017 4:43

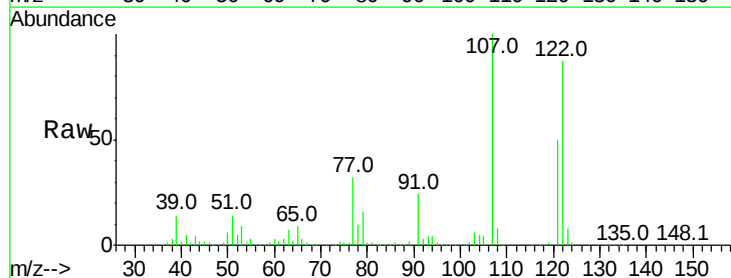
Tgt Ion:122 Resp: 582105

Ion Ratio Lower Upper

122 100

105 4.2 123.5 163.5#

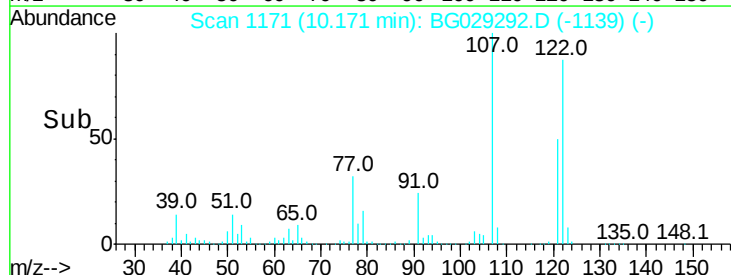
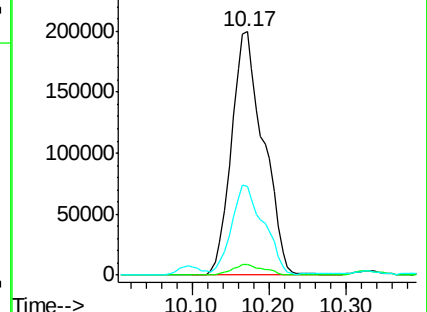
77 36.3 85.7 125.7#

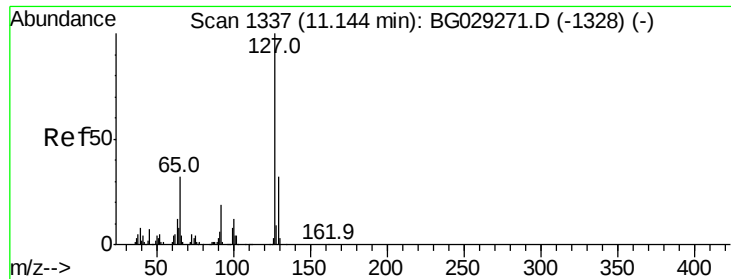


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

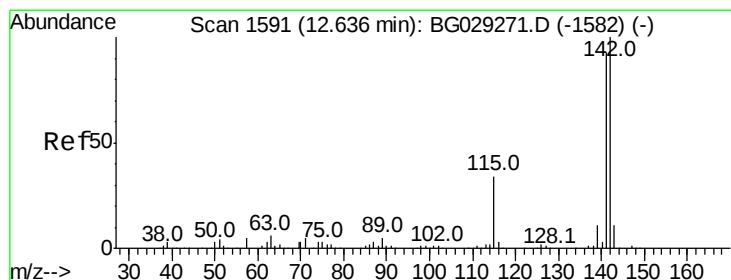
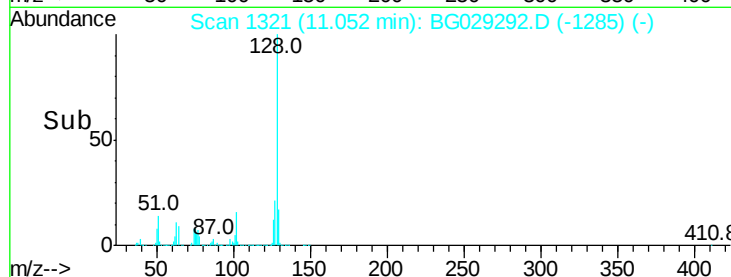
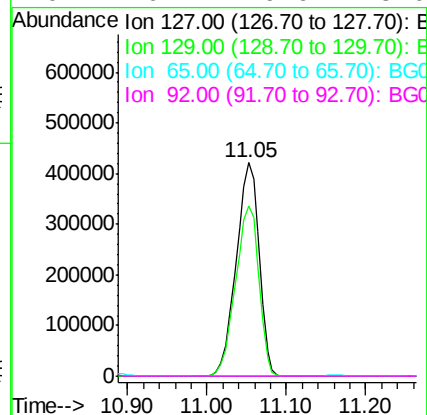
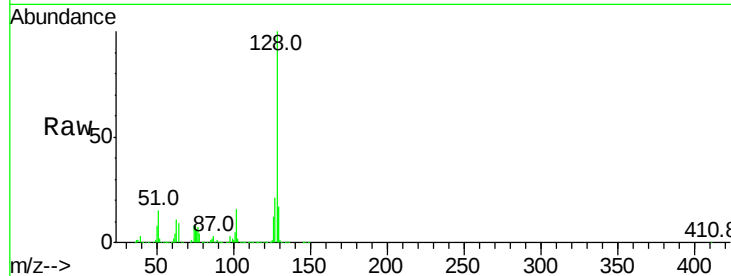




#33
4-Chloroaniline
Concen: 118.152 ng
RT: 11.05 min Scan# 1321
Delta R.T. -0.09 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

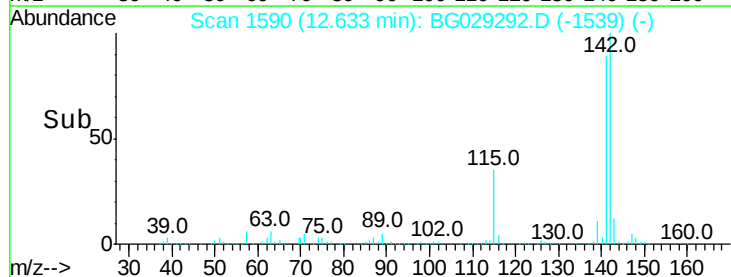
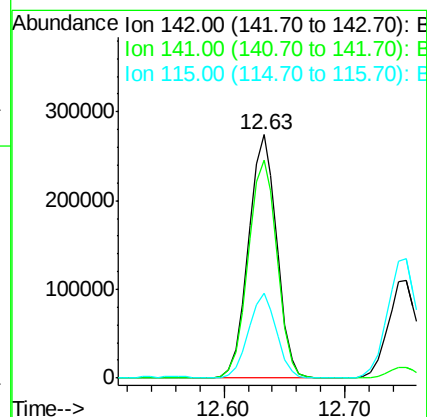
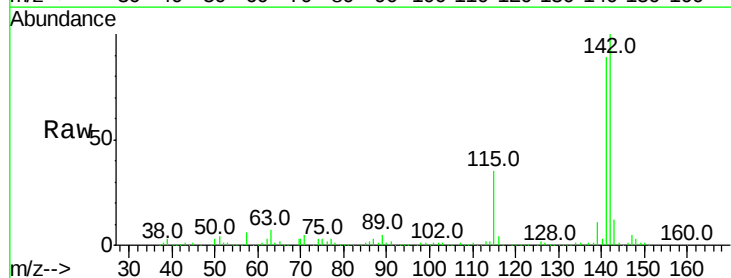
Instrument :
BNA_G
ClientSampleId :

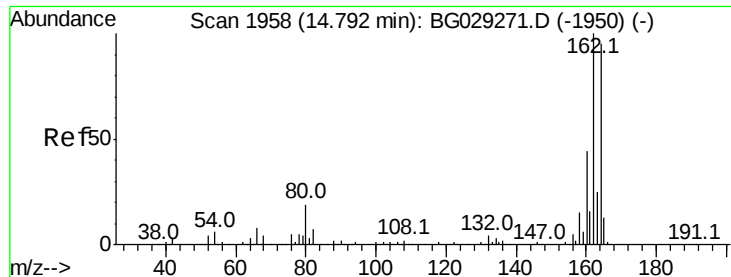
Tot Ion:127 Resp: 842810
Ion Ratio Lower Upper
127 100
129 79.7 24.0 36.0#
65 0.0 27.0 40.4#
92 0.1 16.6 25.0#



#37
2-Methylnaphthalene
Concen: 36.342 ng
RT: 12.63 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BG029292.D
Acq: 17 Oct 2017 4:43

Tgt Ion:142 Resp: 449153
Ion Ratio Lower Upper
142 100
141 89.4 67.1 100.7
115 34.7 30.7 46.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BG029292.D

Acq: 17 Oct 2017 4:43

Instrument :

BNA_G

ClientSampleId :

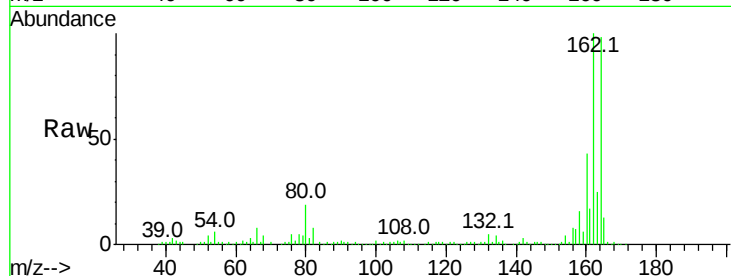
Tot Ion:164 Resp: 209850

Ion Ratio Lower Upper

164 100

162 102.4 78.8 118.2

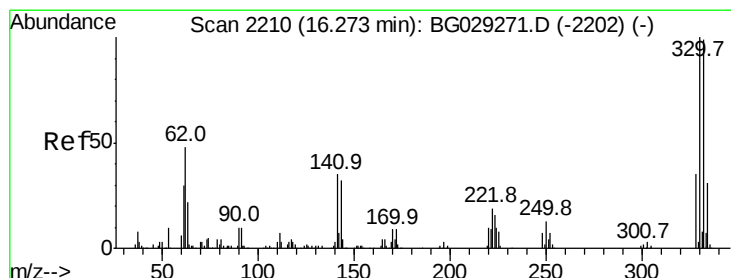
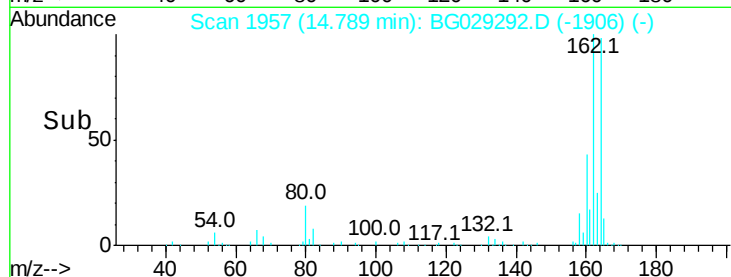
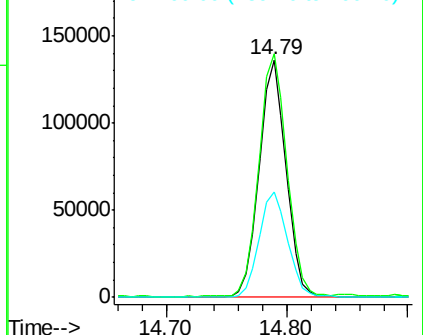
160 44.5 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 119.218 ng

RT: 16.27 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG029292.D

Acq: 17 Oct 2017 4:43

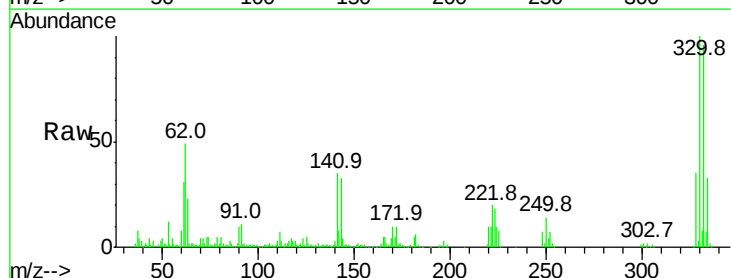
Tgt Ion:330 Resp: 323008

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

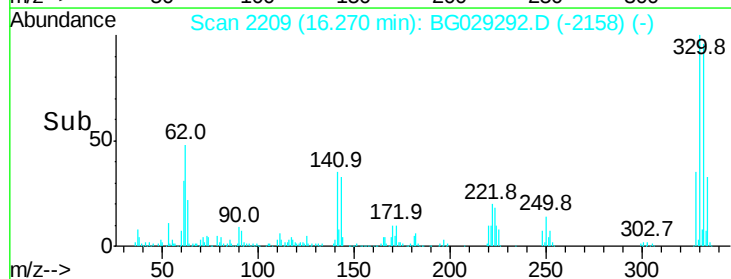
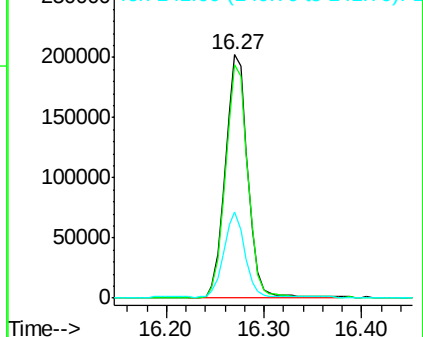
141 32.6 25.2 37.8

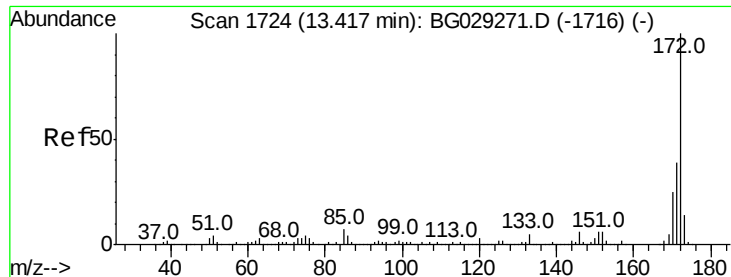


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



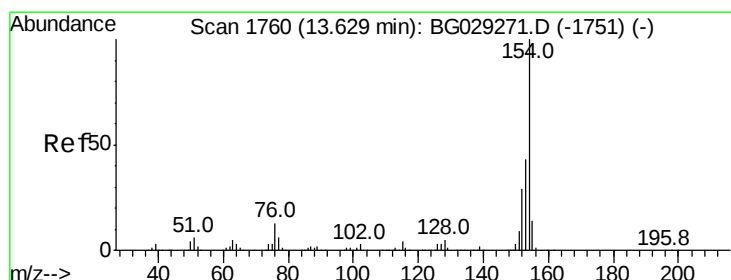
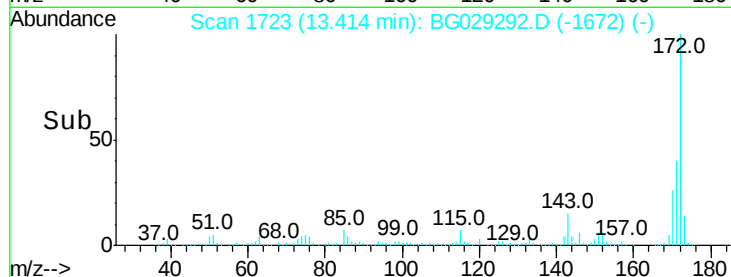
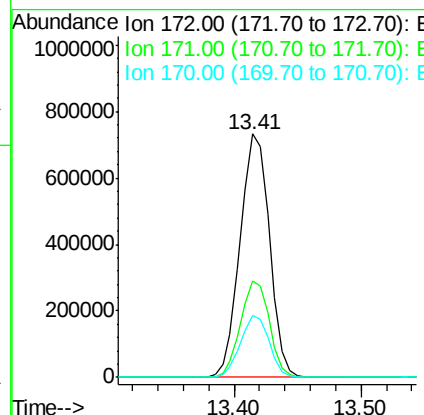
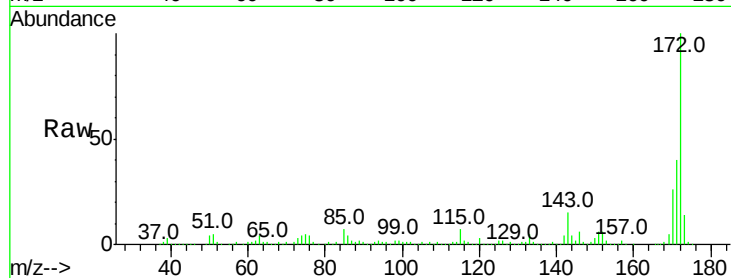


#44
 2-Fluorobiphenyl
 Concen: 82.013 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG029292.D
 Acq: 17 Oct 2017 4:43

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 1173450

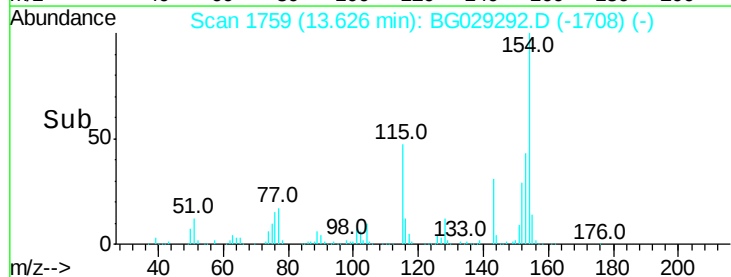
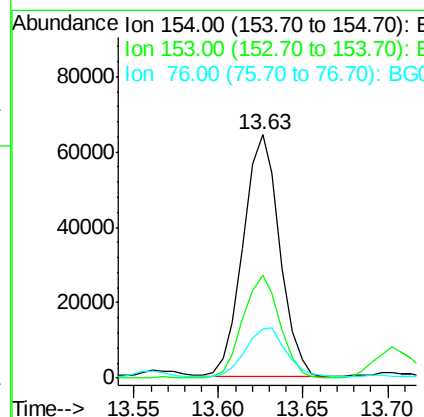
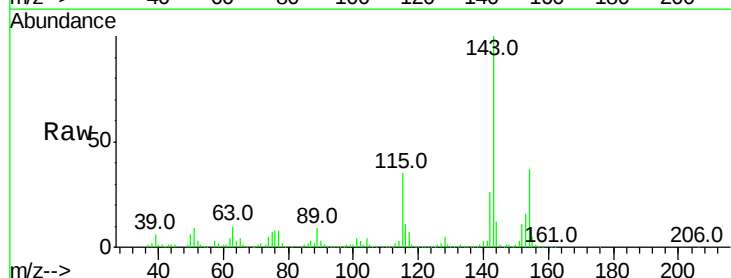
Ion	Ratio	Lower	Upper
172	100		
171	39.6	30.0	45.0
170	25.6	19.5	29.3

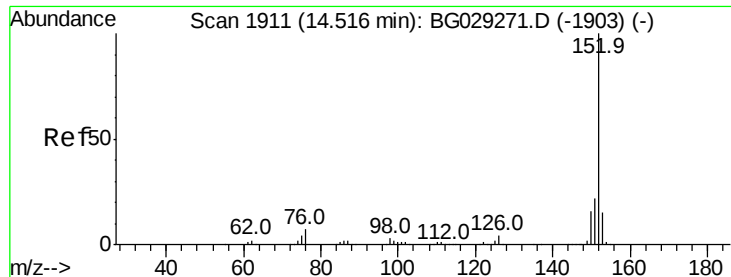


#45
 1,1'-Biphenyl
 Concen: 5.382 ng
 RT: 13.63 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG029292.D
 Acq: 17 Oct 2017 4:43

Tgt Ion:154 Resp: 97079

Ion	Ratio	Lower	Upper
154	100		
153	42.1	19.8	59.8
76	20.3	0.0	31.9





#48

Acenaphthylene

Concen: 9.560 ng

RT: 14.51 min Scan# 1910

Delta R.T. -0.00 min

Lab File: BG029292.D

Acq: 17 Oct 2017 4:43

Instrument :

BNA_G

ClientSampleId :

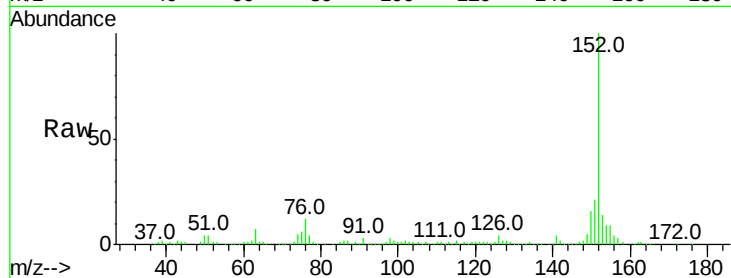
Tot Ion:152 Resp: 196850

Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.2	25.8
153	14.0	10.2	15.4

152 100

151 21.2 17.2 25.8

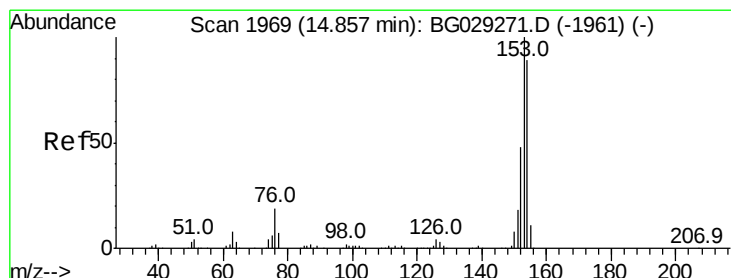
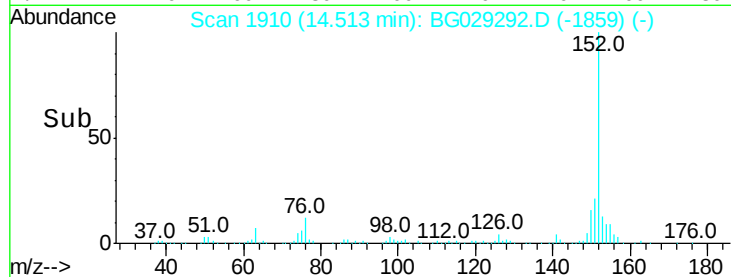
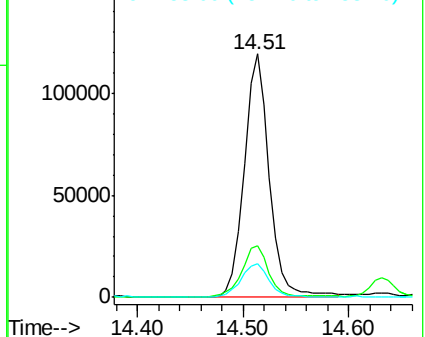
153 14.0 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#51

Acenaphthene

Concen: 14.527 ng

RT: 14.85 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG029292.D

Acq: 17 Oct 2017 4:43

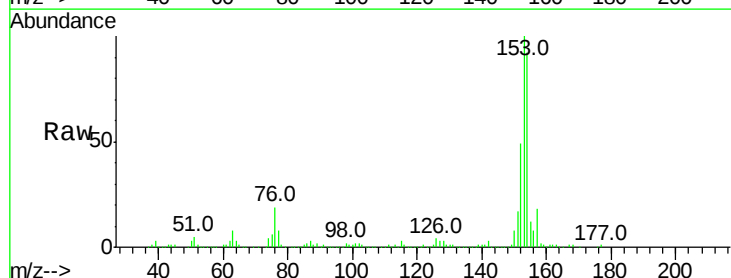
Tgt Ion:154 Resp: 194621

Ion	Ratio	Lower	Upper
154	100		
153	108.5	90.4	135.6
152	53.6	41.6	62.4

154 100

153 108.5 90.4 135.6

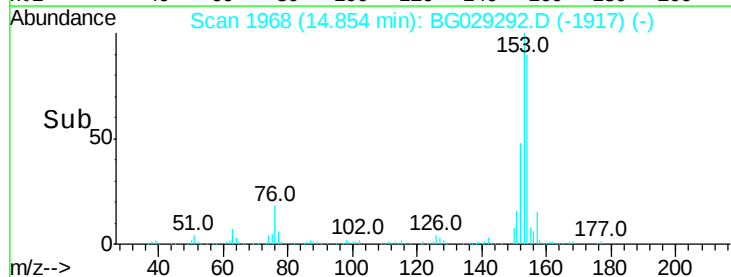
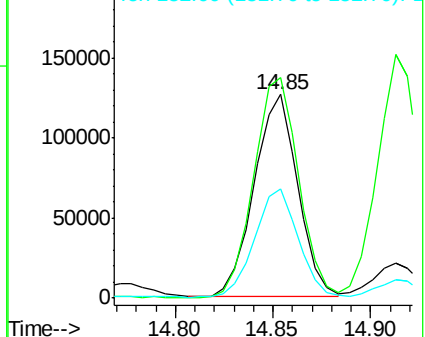
152 53.6 41.6 62.4

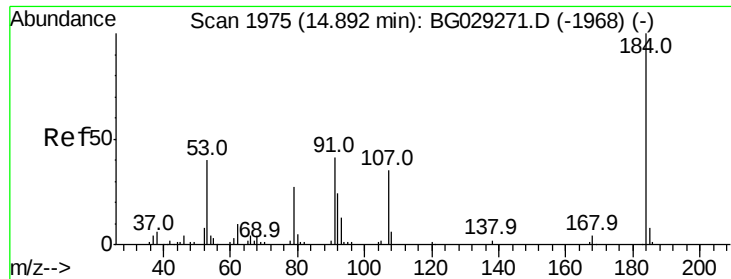


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

2,4-Dinitrophenol

Concen: 6.705 ng

RT: 14.97 min Scan# 1988

Delta R.T. 0.08 min

Lab File: BG029292.D

Acq: 17 Oct 2017 4:43

Instrument :

BNA_G

ClientSampled :

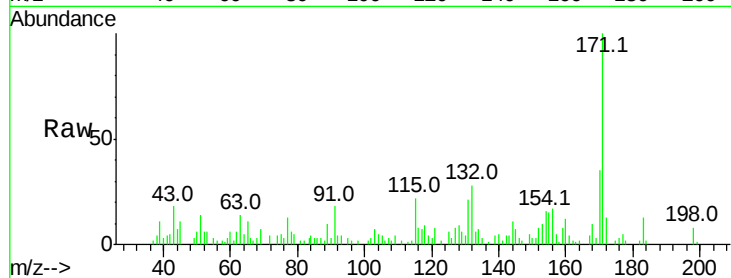
Tot Ion:184 Resp: 153

Ion Ratio Lower Upper

184 100

63 689.6 59.8 89.8#

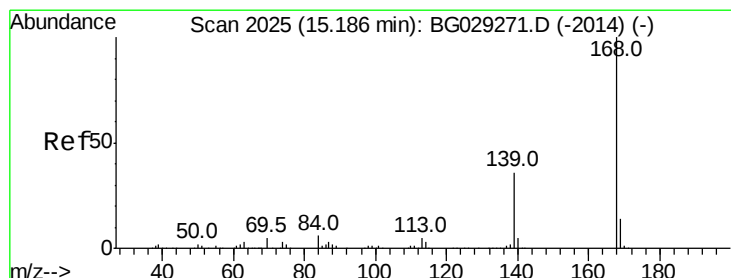
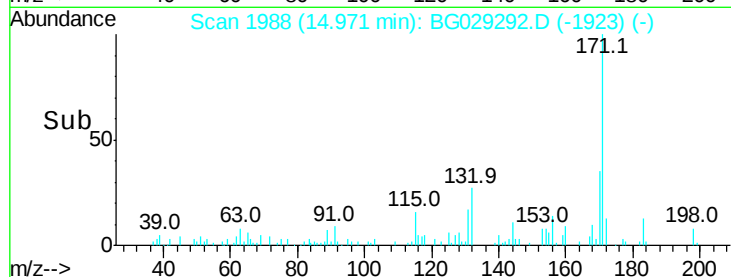
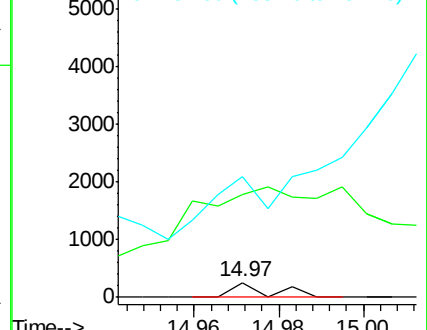
154 806.6 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 17.282 ng

RT: 15.18 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BG029292.D

Acq: 17 Oct 2017 4:43

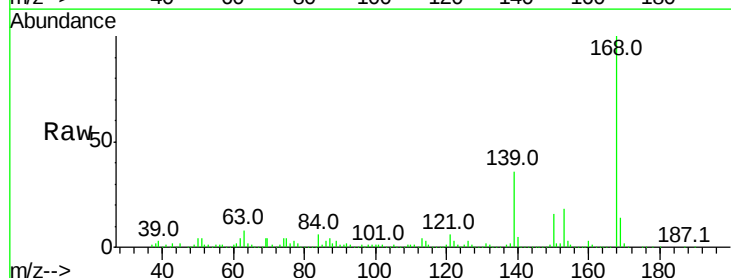
Tgt Ion:168 Resp: 330523

Ion Ratio Lower Upper

168 100

139 35.8 28.6 43.0

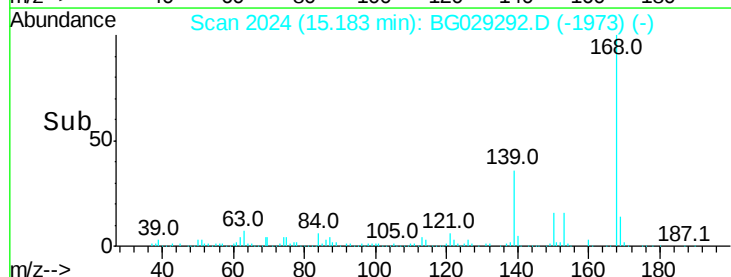
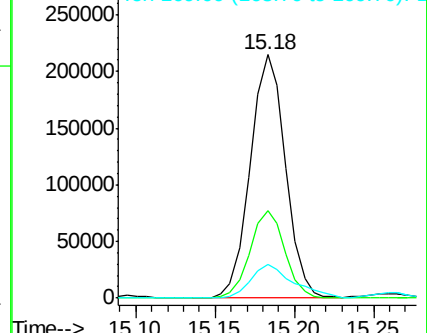
169 13.7 11.2 16.8

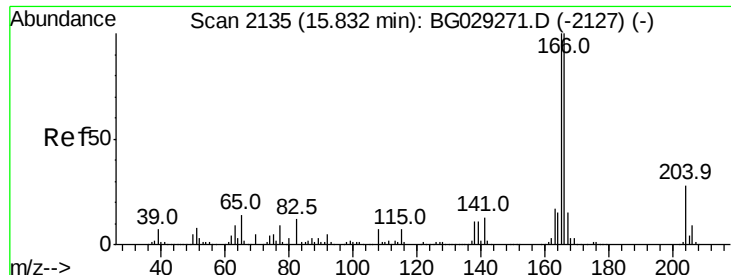


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 11.307 ng

RT: 15.83 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BG029292.D

Acq: 17 Oct 2017 4:43

Instrument :

BNA_G

ClientSampleId :

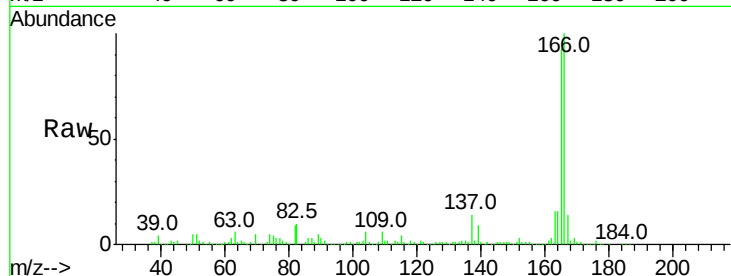
Tot Ion:166 Resp: 178650

Ion Ratio Lower Upper

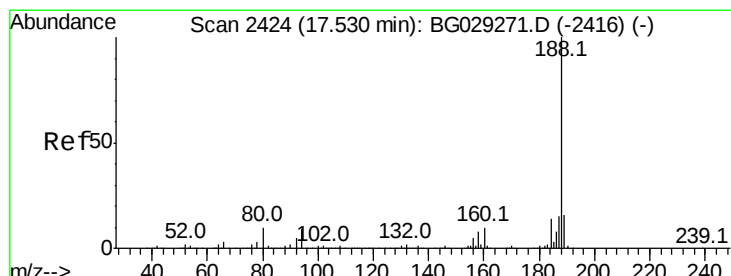
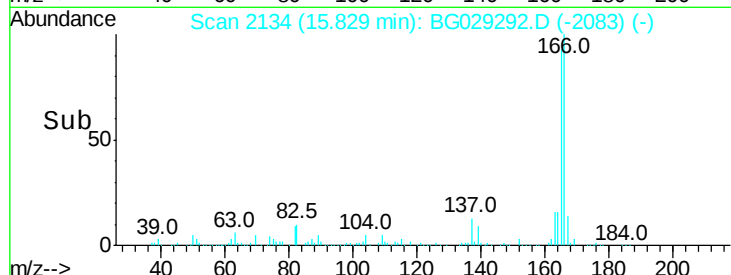
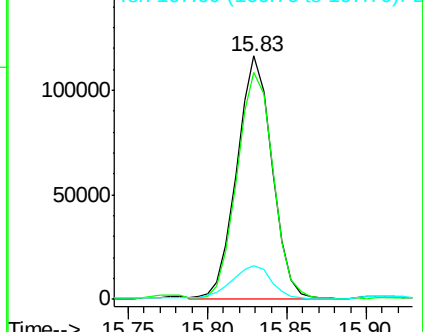
166 100

165 93.2 80.6 121.0

167 14.0 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2423

Delta R.T. -0.00 min

Lab File: BG029292.D

Acq: 17 Oct 2017 4:43

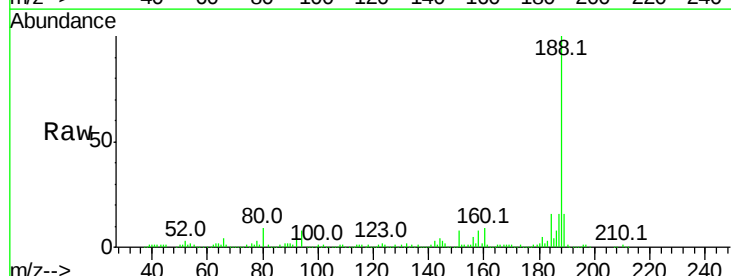
Tgt Ion:188 Resp: 464650

Ion Ratio Lower Upper

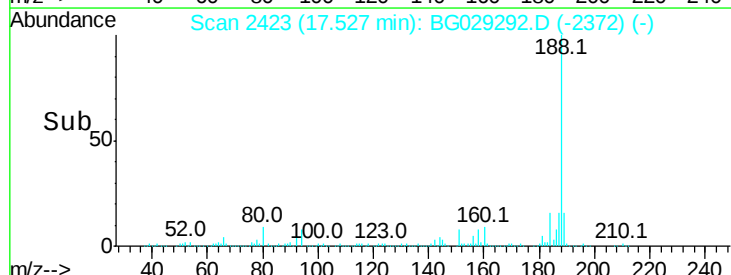
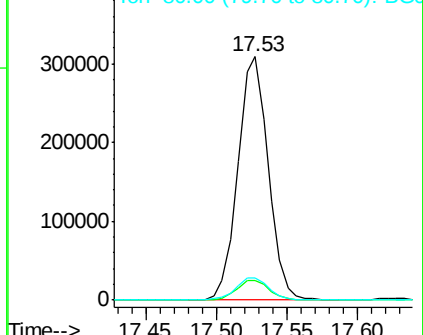
188 100

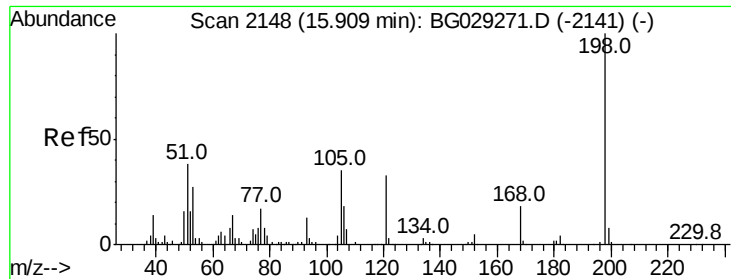
94 8.3 6.9 10.3

80 9.3 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 5.019 ng

RT: 16.03 min Scan# 2168

Delta R.T. 0.12 min

Lab File: BG029292.D

Acq: 17 Oct 2017 4:43

Instrument :

BNA_G

ClientSampleId :

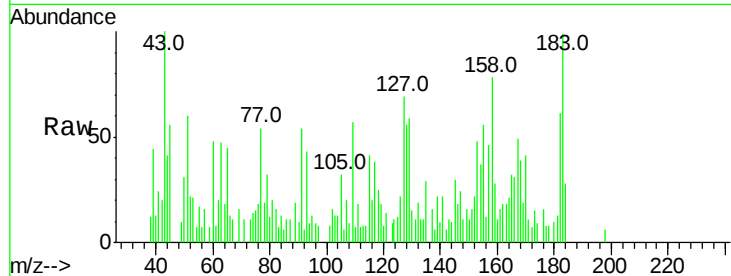
Tot Ion:198 Resp: 57

Ion Ratio Lower Upper

198 100

51 1035.2 30.6 70.6#

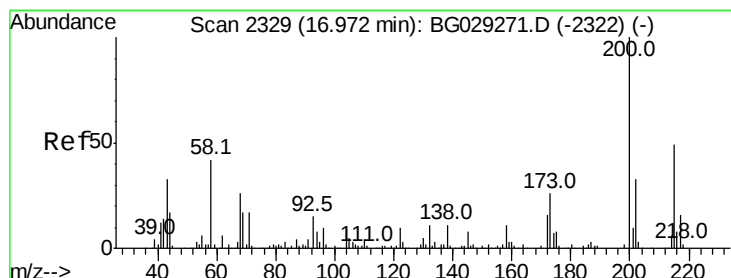
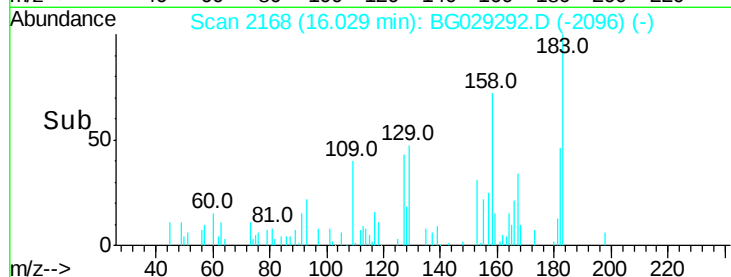
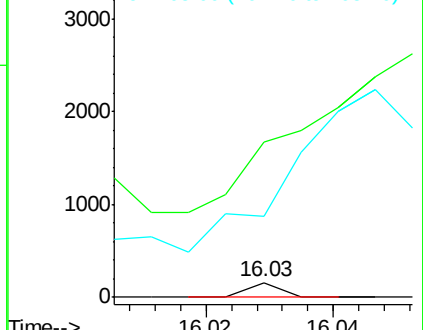
105 543.2 23.8 63.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG029271.D (-2141) (-)

Ion 105.00 (104.70 to 105.70): BG029271.D (-2141) (-)



#68

Atrazine

Concen: 3.192 ng

RT: 17.12 min Scan# 2353

Delta R.T. 0.14 min

Lab File: BG029292.D

Acq: 17 Oct 2017 4:43

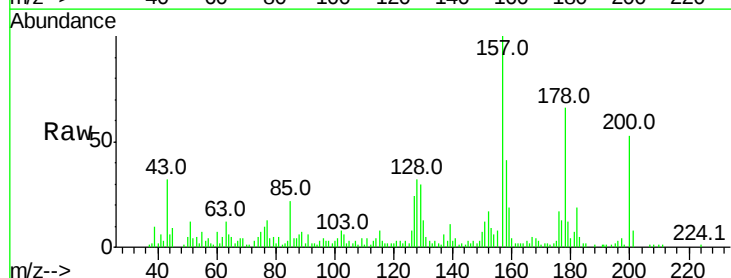
Tgt Ion:200 Resp: 15853

Ion Ratio Lower Upper

200 100

173 2.6 5.2 45.2#

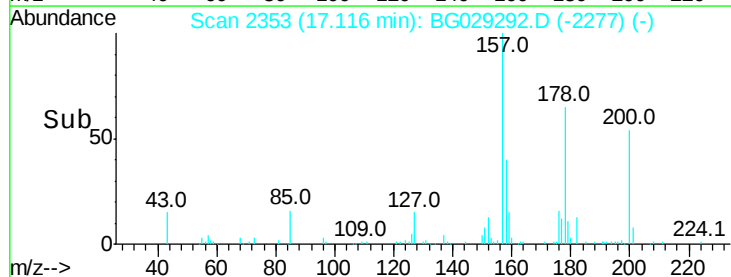
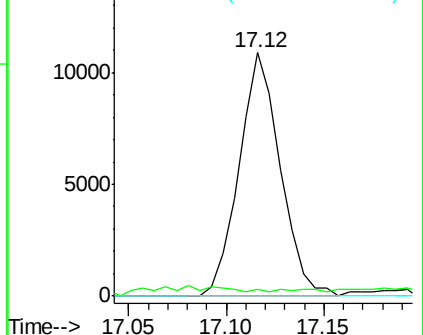
215 0.0 30.4 70.4#

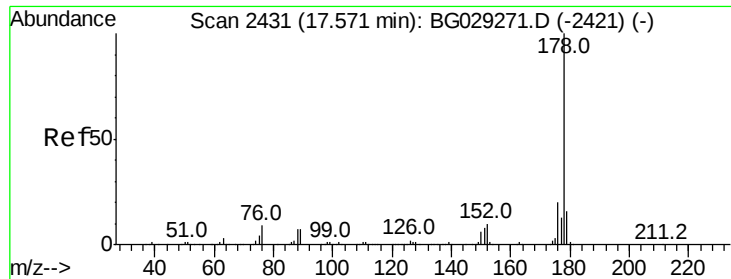


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): BG029271.D (-2322) (-)

Ion 215.00 (214.70 to 215.70): BG029271.D (-2322) (-)





#70

Phenanthrene

Concen: 18.691 ng

RT: 17.57 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG029292.D

Acq: 17 Oct 2017 4:43

Instrument :

BNA_G

ClientSampleId :

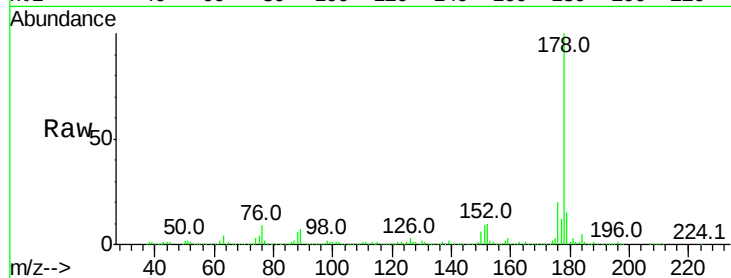
Tot Ion:178 Resp: 448664

Ion Ratio Lower Upper

178 100

176 20.4 15.7 23.5

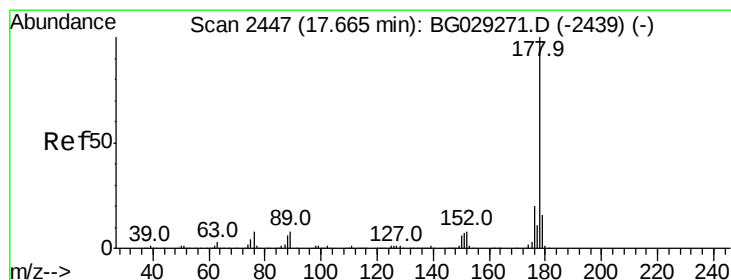
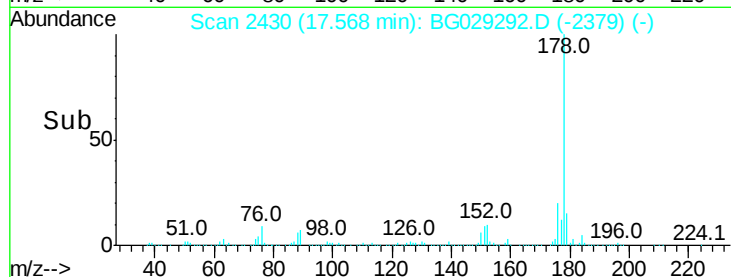
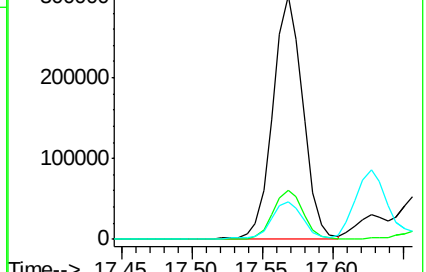
179 15.4 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 3.220 ng

RT: 17.66 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BG029292.D

Acq: 17 Oct 2017 4:43

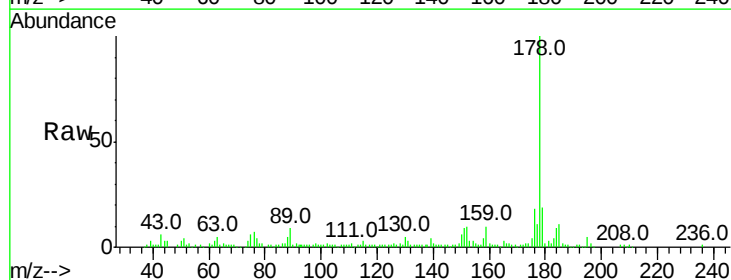
Tgt Ion:178 Resp: 77611

Ion Ratio Lower Upper

178 100

176 18.3 16.0 24.0

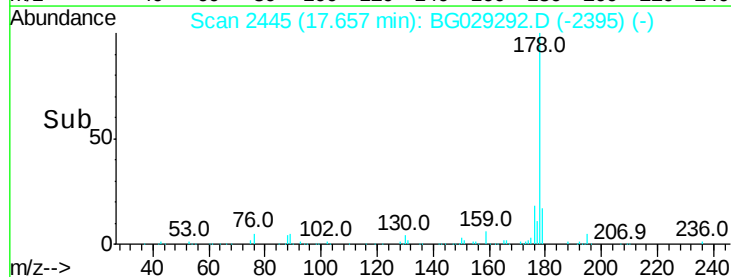
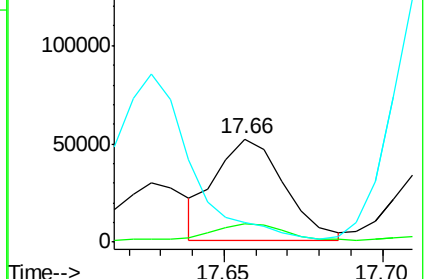
179 18.7 12.5 18.7

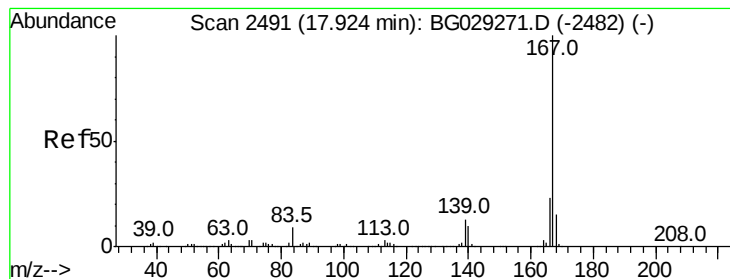


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 39.293 ng

RT: 17.93 min Scan# 2491

Delta R.T. 0.00 min

Lab File: BG029292.D

Acq: 17 Oct 2017 4:43

Instrument :

BNA_G

ClientSampleId :

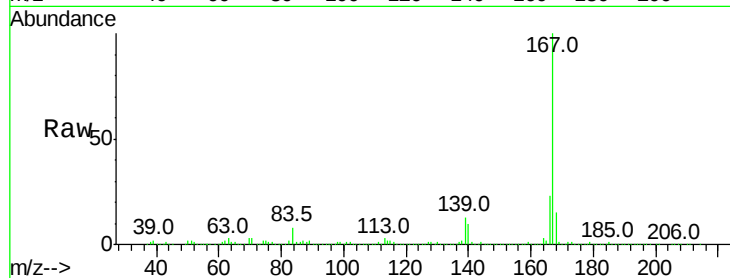
Tot Ion:167 Resp: 909788

Ion Ratio Lower Upper

167 100

166 23.5 18.2 27.4

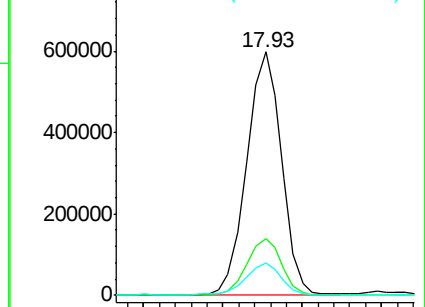
139 13.3 9.4 14.2



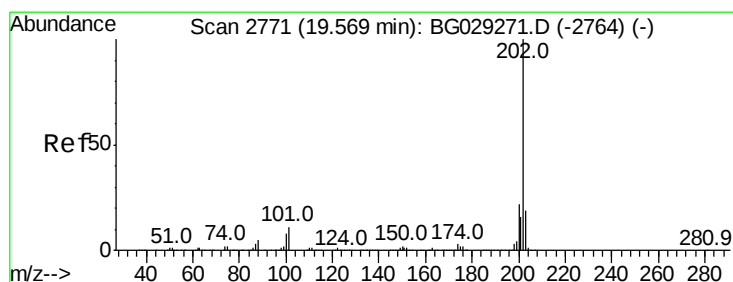
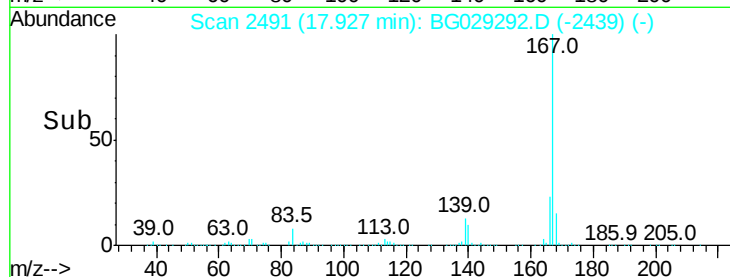
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Fluoranthene

Concen: 3.619 ng

RT: 19.56 min Scan# 2769

Delta R.T. -0.01 min

Lab File: BG029292.D

Acq: 17 Oct 2017 4:43

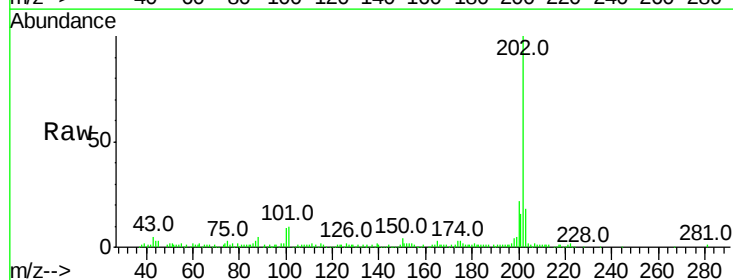
Tgt Ion:202 Resp: 101599

Ion Ratio Lower Upper

202 100

101 10.4 0.0 28.9

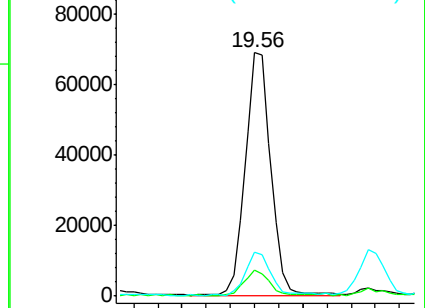
203 17.8 0.0 37.5



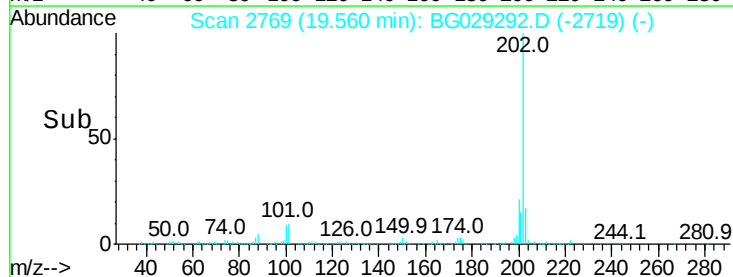
Abundance Ion 202.00 (201.70 to 202.70): E

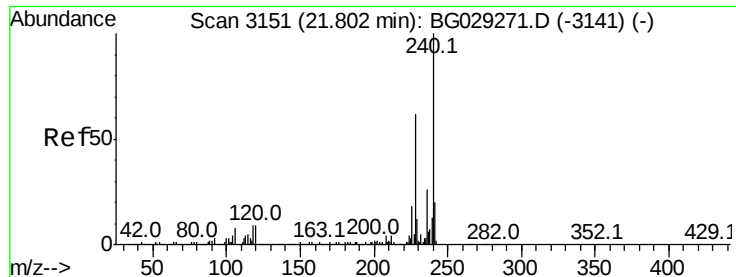
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG029292.D

Acq: 17 Oct 2017 4:43

Instrument :

BNA_G

ClientSampleId :

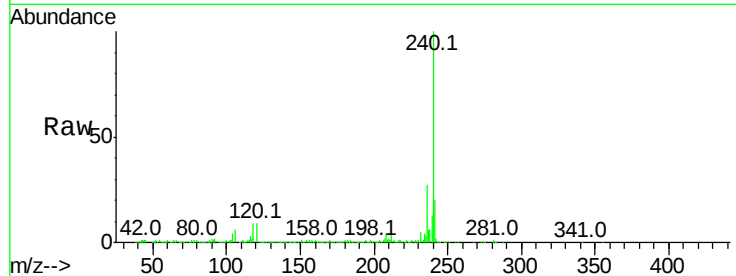
Tot Ion:240 Resp: 508922

Ion Ratio Lower Upper

240 100

120 9.3 6.8 10.2

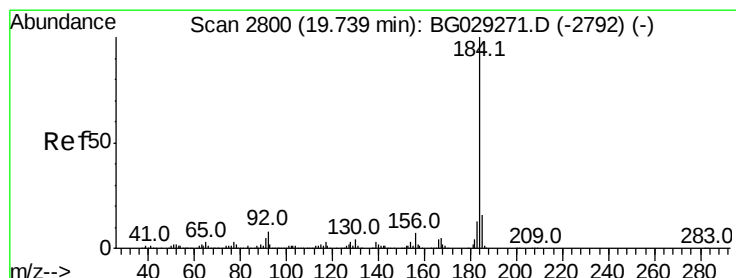
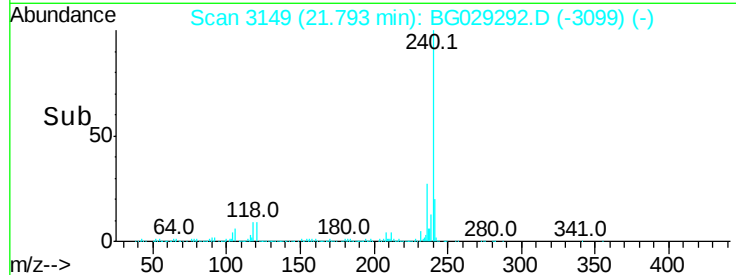
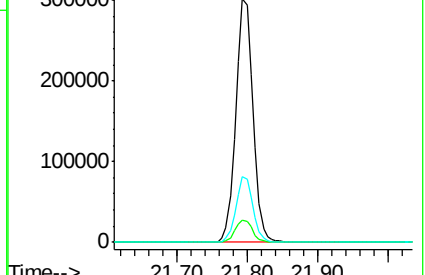
236 27.0 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 13.153 ng

RT: 19.83 min Scan# 2815

Delta R.T. 0.09 min

Lab File: BG029292.D

Acq: 17 Oct 2017 4:43

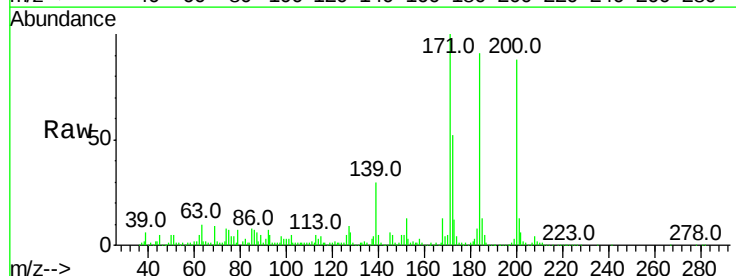
Tgt Ion:184 Resp: 202119

Ion Ratio Lower Upper

184 100

185 14.3 11.1 16.7

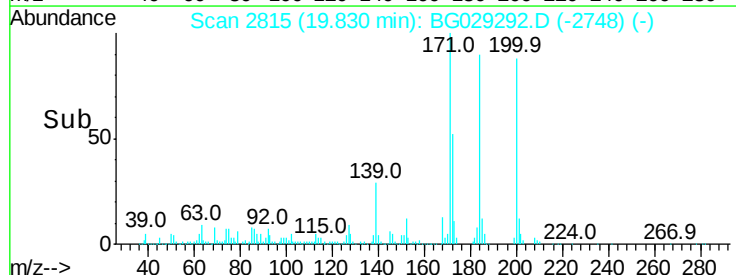
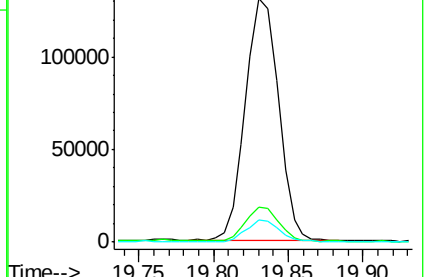
183 8.9 10.6 16.0#

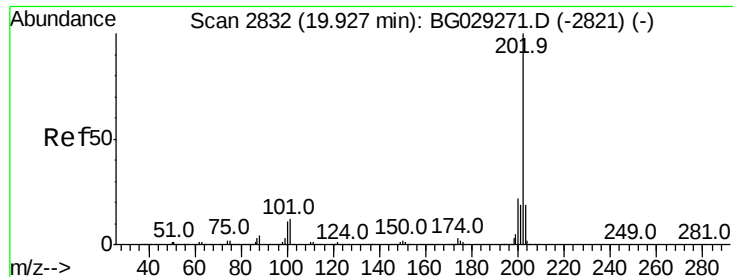


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 2.037 ng

RT: 19.92 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BG029292.D

Acq: 17 Oct 2017 4:43

Instrument :

BNA_G

ClientSampleId :

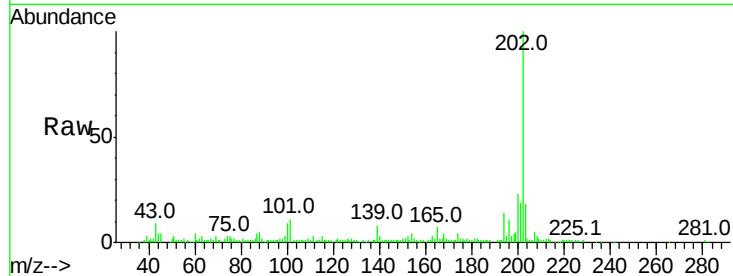
Tot Ion:202 Resp: 62892

Ion Ratio Lower Upper

202 100

200 22.8 16.9 25.3

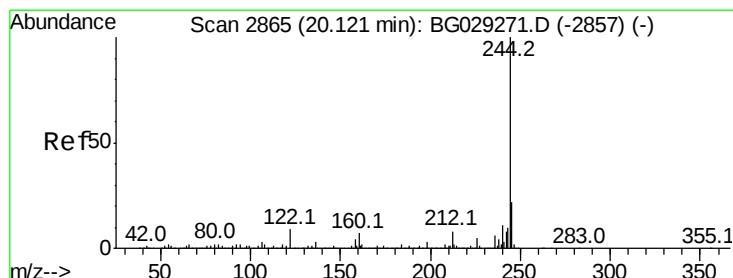
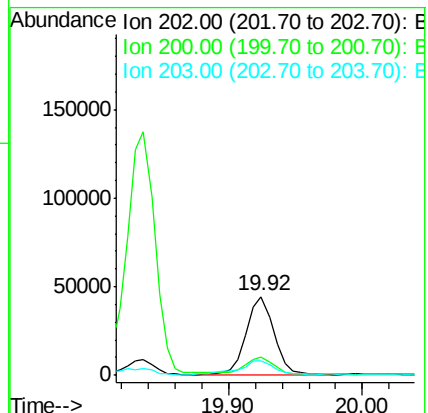
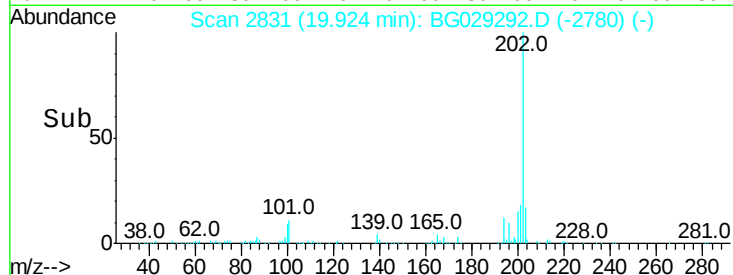
203 17.7 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 77.684 ng

RT: 20.12 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG029292.D

Acq: 17 Oct 2017 4:43

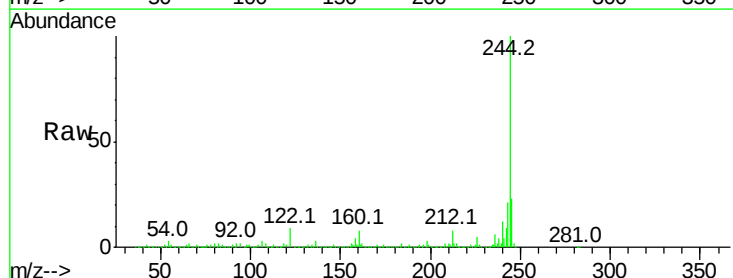
Tgt Ion:244 Resp: 1737862

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

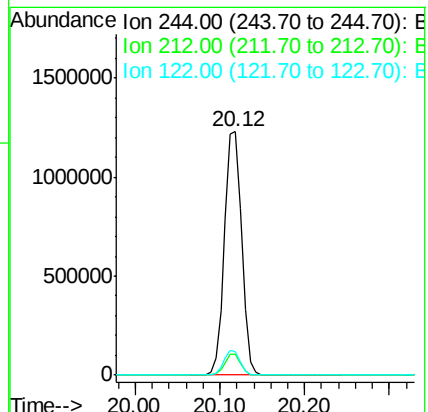
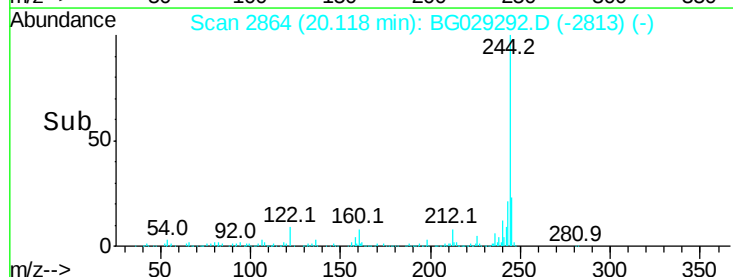
122 9.5 7.0 10.4

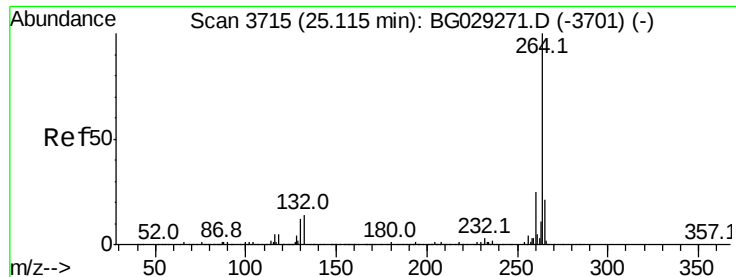


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

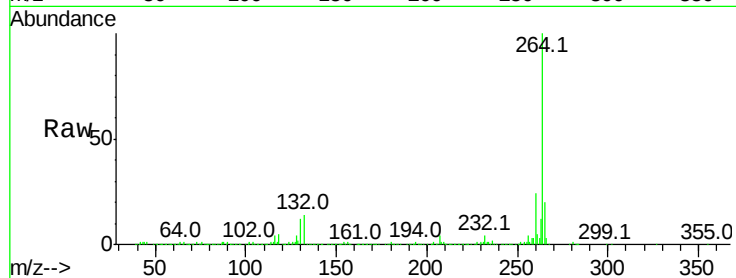




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.11 min Scan# 3713
 Delta R.T. -0.01 min
 Lab File: BG029292.D
 Acq: 17 Oct 2017 4:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	20.4	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

